

Al Salam Foundation

ISLAMIC LIFE CENTER

14120 Shelborne Road, Carmel IN 46074

REVISIONS

9/24/2021 BID SET: Construction Drawings which include the original set from 3/17/2021 & revisions on 4/20/2021, 6/9/2021, & 7/26/2021. This includes multiple revisions (1.0 thru 6.0) requested of Carmel's Technical Advisory Committee. The Existing topography was also consolidated into one sheet C2 (thus sheets C2 & C3 are not used).

11/24/2021 ADDENDUM TWO: The following sheets have been revised to respond to questions and clarifications during the bid C5, C6, C11, C11.1, C12, A4, & A11. All Civil drawings (C1-C34) were revised to remove note "not for construction" under the engineer's seal (but no other changes were made).

ADD ALTERNATES

ONE - North & South Entry Canopies: Work includes the barrel vaulted roof, brick end wall with arches, and associated work. If not executed, base bid shall include awnings over North & South Entry Doors.

TWO - Minaret w/lightning protection: Work includes the top, alum. portion of minaret & assoc. work. If not executed, base bid shall include metal coping cap over brick pier termination above dome roof.

THREE - Finishing of Lower Level: Work includes all ftup & finishing of the Lower Level. If not executed, base bid to leave plumbing rough-in & lower level unfinished.

FOUR - Bullet Resistant Glazing: Replace portions of glazing in Prayer Hall to be Bullet Resistant.

FIVE - Kitchen & Multipurpose Room Finishes: Work includes all Kitchen & Pantry cabinets and equipment. Rough-in to be included in base bid. All sports equipment and finishing in the Multipurpose Room to also be included. Base bid to include all doors, electrical & HVAC.

GENERAL NOTES

This project has been designed exclusively for the Al Salam Foundation and is to be built at the listed address. Any reproduction of any part of this design for another project is prohibited.

The Contractor shall be responsible for obtaining clarification from the Consultant(s) before continuing construction if there are any discrepancies within the drawings.

Do not scale drawings. Written dimensions take precedence over scaled dimensions. The Contractor(s) must verify all dimensions in the field. Notify the architect of any discrepancies. "FY" means "field verify". Plus or minus (+/-) indicates dimensions to be adjusted in the field according to the conditions. Verify with the Consultant. Dimensions are to face of masonry, face of stud, centerline of structure, face of concrete, or centerline of opening (or door/window unit).

All drawings, specifications, computer files, reports, field data, notes, and other documents and instruments prepared by the Consultant(s) as instruments of service shall remain the property of the Consultant(s). The Consultant(s) shall retain all common law, statutory and other reserved rights, including the copyright thereto.

Not to Scale & for reference only (may not be accurate)

PERSPECTIVE VIEWS



PROJECT DESCRIPTION

This project includes the construction of a new religious assembly building for the Al Salam Foundation in Carmel Indiana. The major spaces include a Prayer Hall, Multipurpose Gymnasium, and Classrooms. Occupancy is less than 350 persons based on the Prayer Hall and Crying Room. The Multipurpose Gymnasium, Restrooms, Coat/Shoe Rooms, Office, Sitting Area, and Classrooms are all accessory to the religious assembly use. Site development includes drives to both adjacent streets, parking lot, dumpster enclosure, and paved multiuse paths along each street.

DRAWING SCHEDULE

Cover Sheet, General Notes, and Life Safety Plans

- C1 Civil Title Sheet & General Site Information
- C2 Existing Topography
- C3 NOT USED
- C4 NOT USED
- C5 Demolition Plan South
- C6 Demolition Plan Center
- C7 Demolition Plan North
- C8 Site Plan South
- C9 Site Plan Center
- C10 Site Plan North
- C11 Site Details
- C11.1 Site Details
- C12 Grading Plan South
- C13 Grading Plan Center
- C14 Grading Plan North
- C15 Utility Plan South
- C16 Utility Plan Center
- C17 Utility Profiles
- C18 Utility Profiles
- C19 Utility Profiles
- C20 Utility Profiles
- C21 Utility Profiles
- C22 Emergency Flood Routing South
- C23 Emergency Flood Routing Center
- C24 Utility Details
- C25 Utility Details
- C26 Utility Details
- C27 Erosion Control South
- C28 Erosion Control Center
- C29 Erosion Control North
- C30 Erosion Control Details
- C31 Storm Water Pollution Protection Plan
- C32 City of Carmel Concrete Policy
- C33 City of Carmel Paving Policy
- C34 Sanitary Specifications

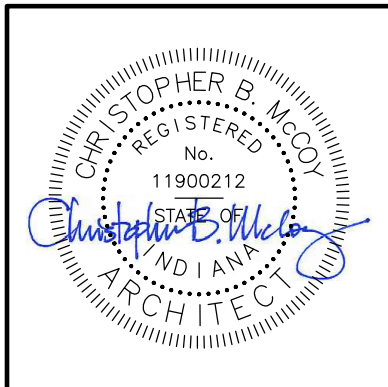
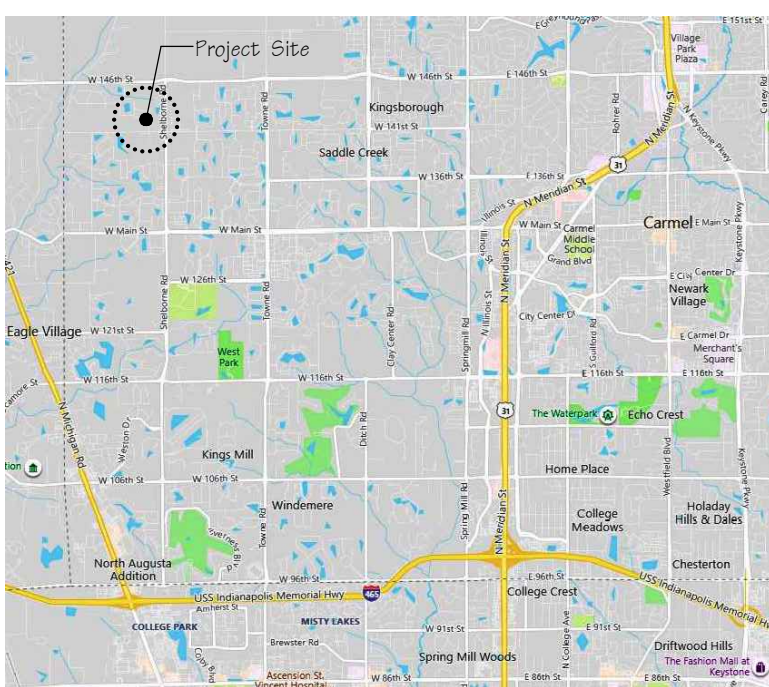
- L1 South Parcel Landscape Plan
- L2 North Parcel Landscape Plan & Planting Notes
- L3 Planting Schedule & Details
- L4 Concept Irrigation Plan
- L5 Concept Irrigation Details
- S1 Structural General Notes
- S2 Exterior Isometric Views
- S3 Framing Isometric Views
- S4 Structural Grid Plan
- S5 Foundation Plan
- S6 Foundation Details
- S7 Foundation Details
- S8 Floor Framing Plan
- S9 Floor Framing Details
- S10 Low Roof Framing Plan
- S11 Roof Framing Details
- S12 Gym Roof & Wall Framing
- S13 Prayer Hall Roof
- S14 Canopy

- A1 Upper Level Floor Plan
- A2 Clerestory & Lower Level Floor Plan
- A3 Upper Level Reflected Ceiling Plan
- A4 Lower Level Reflected Ceiling & Canopy Plans
- A5 Roof Plan
- A6 Exterior Building Elevations
- A7 Enlarged Exterior Elevations & Details
- A8 Building Sections & Details
- A9 Building Sections & Details
- A10 Stair & Elevator Section
- A11 Prayer Hall Wall Sections
- A12 Multipurpose Gym Wall Sections
- A13 Room Finish, Door, & Window Schedules
- A14 Kitchen & Cabinetry Interior Elevations
- A15 Restroom & Wudu Interior Elevations
- A16 Prayer Hall Interior Elevations
- A17 Multipurpose Gym Interior Elevations

- SU1 Site Utilities Plan
- ME1 Mechanical & Electrical Legends
- ME2 Mechanical & Electrical Legends
- M1 Upper Level Mechanical Plan
- M2 Lower Level Mechanical Plan
- M3 Roof Mechanical Plan
- M4 Mechanical Schedules
- M5 Mechanical Details
- F1 Upper Level Fire Protection Plan
- F2 Lower Level Fire Protection Plan
- F3 Fire Protection Schedules & Details
- P1 Upper Level Plumbing Waste Plan
- P2 Lower Level Plumbing Waste Plan
- P3 Roof Plumbing Plan
- P4 Upper Level Plumbing Water Plan
- P5 Lower Level Plumbing Water Plan
- P6 Plumbing Schedules & Details
- P7 Plumbing Riser Diagrams
- E1 Upper Level Lighting Plan
- E2 Lower Level & Canopies Lighting Plans
- E3 Roof Lighting Plan
- E4 Upper Level Power & Communications Plan
- E5 Lower Level Power & Communications Plan
- E6 Roof Power & Communications Plan
- E7 Electrical Schedules & Details
- E8 Electrical Details & Conduit Notes
- E9 Electrical Schedules & Details
- E10 Electrical Panelboard Schedules

VICINITY MAP

Carmel (Northwest Indianapolis), Indiana



Al Salam Foundation
ISLAMIC LIFE CENTER
14120 Shelborne Road
Carmel IN 46074

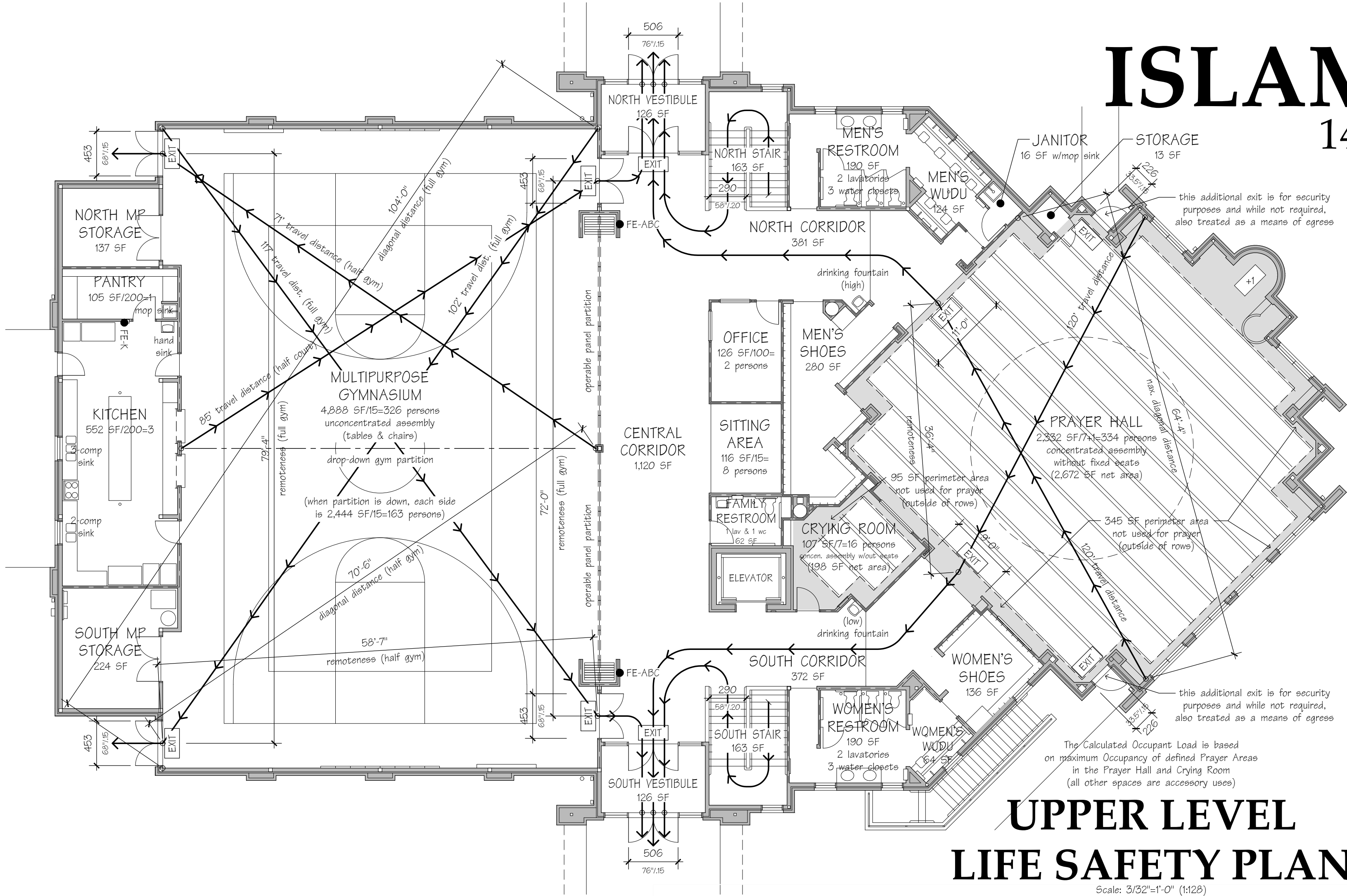
Construction Drawings
3/17/2021

BID SET with all prior Revisions
9/21/2021

ADDENDUM TWO
11/24/2021

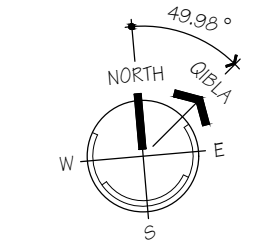
COVER SHEET &
LIFE SAFETY PLANS

SET NO.



UPPER LEVEL LIFE SAFETY PLAN

Scale: 3/32"=1'-0" (1/28)



LIFE SAFETY LEGEND

- Line & direction of travel distance
- EXIT Exit sign location (coord. w/reflected ceiling & electrical/light fixture plane)
- 223 Egress Capacity (over width divided by factor)

LIFE SAFETY NOTES

All means of egress shall be Accessible.

All exits shall have paved paths to the public right-of-way.

Maximum allowable exit access travel distance is 250 feet for a fully sprinklered building per 2015 IBC, Table 1017.2.

Fire alarm detection and notification system will be provided in accordance with International Building Code, Indiana Building Code and NFPA-72 requirements.

Smoke detection with shut down of mechanical systems will be provided.

Audio/visual notification devices will be provided throughout the facility.

PROJECT & CODE INFORMATION

Contractors shall construct this project in compliance with all applicable codes adopted & amended by the State of Indiana based on the International Building Code (IBC) & the City of Carmel including:

- 2014 Indiana Building Code (2012 IBC with Indiana amendments)
- Accessible & Usable Buildings & Facilities ANSI ICG 117.1-2009
- 2012 Indiana Plumbing Code (2006 IPC with Indiana amendments)
- 2009 Indiana Electrical Code (2008 NEC with Indiana amendments)
- 2014 Indiana Mechanical Code (2012 IMC with Indiana amendments)
- 2010 Indiana Energy Conservation Code (ASHRAE 90.1, 2007 amend.)
- Automated People Mover, Parts 1-3 ANSI/ASCE/T & DI 21-08 amend.
- 2014 Indiana Fire Code (2012 International Fire Code)

Use Group: A-3 Religious Assembly
Type of Construction: 2B Unprotected
Structural Risk (IBC Table 1604.5): Category III (3)
Sprinkler System: Fully Sprinklered

GROSS BUILDING AREAS

Upper Level	13,640 SF
Lower Level	5,925 SF
Total Gross Finished Area	19,565 SF
Net Prayer Areas (Prayer Hall & Crying Room):	2,439 SF
Calculated Occupant Load:	2,439/74=350 persons

PLUMBING FIXTURE CALCULATIONS

Due to religious & cultural reasons, Muslim men do not use urinals. No water closet substitutions have been considered (2006 IPC 419.2).

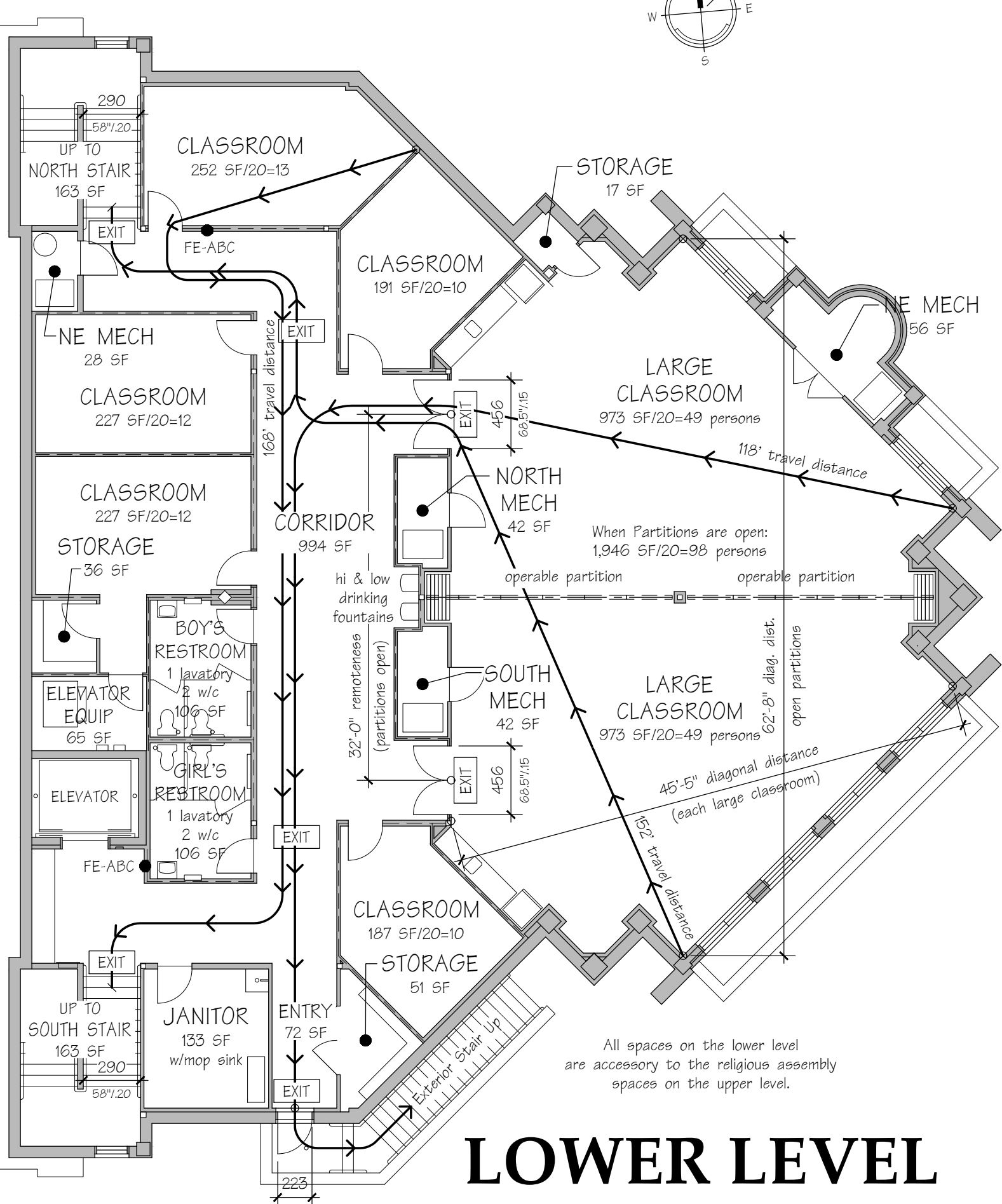
Calculations per IBC Table 2902.1 (A-3 Religious Place of Worship) & Calc. Occupant Load of 350 persons

	Required	Provided
Male Water Closets	175/150 = 2	5
Female Water Closets	175/75 = 3	5
Family Restroom Water Closets	0	1
Total Water Closets	5	11
Male Lavatories	175/200 = 1	3
Female Lavatories	175/200 = 1	3
Family Restroom Lavatories	0	1
Total Lavatories	2	7
Drinking Fountains (Water Coolers)	350/1000 = 1	4
Service (Mop) Sinks	1	3

FIRE EXTINGUISHER TYPES

● FE-ABC - Standard ABC (Throughout Building)
Multipurpose Dry-Chemical Type: UL-Rated 2.5 Gal. (9.5 L) nominal capacity, with monoammonium phosphate-based dry chemical in manufacturer's standard enameled container. (In accordance with NFPA 10, Standard for Portable Fire Extinguishers)

● FE-K - Type K (Kitchen)
Wet-Chemical Type: UL-Rated 2-A1-B-C-K, 2.5 Gal. (9.5 L) nominal capacity, with potassium acetate based chemical in stainless-steel container, with pressure-indicating gauge. (In accordance with NFPA 10, Standard for Portable Fire Extinguishers)

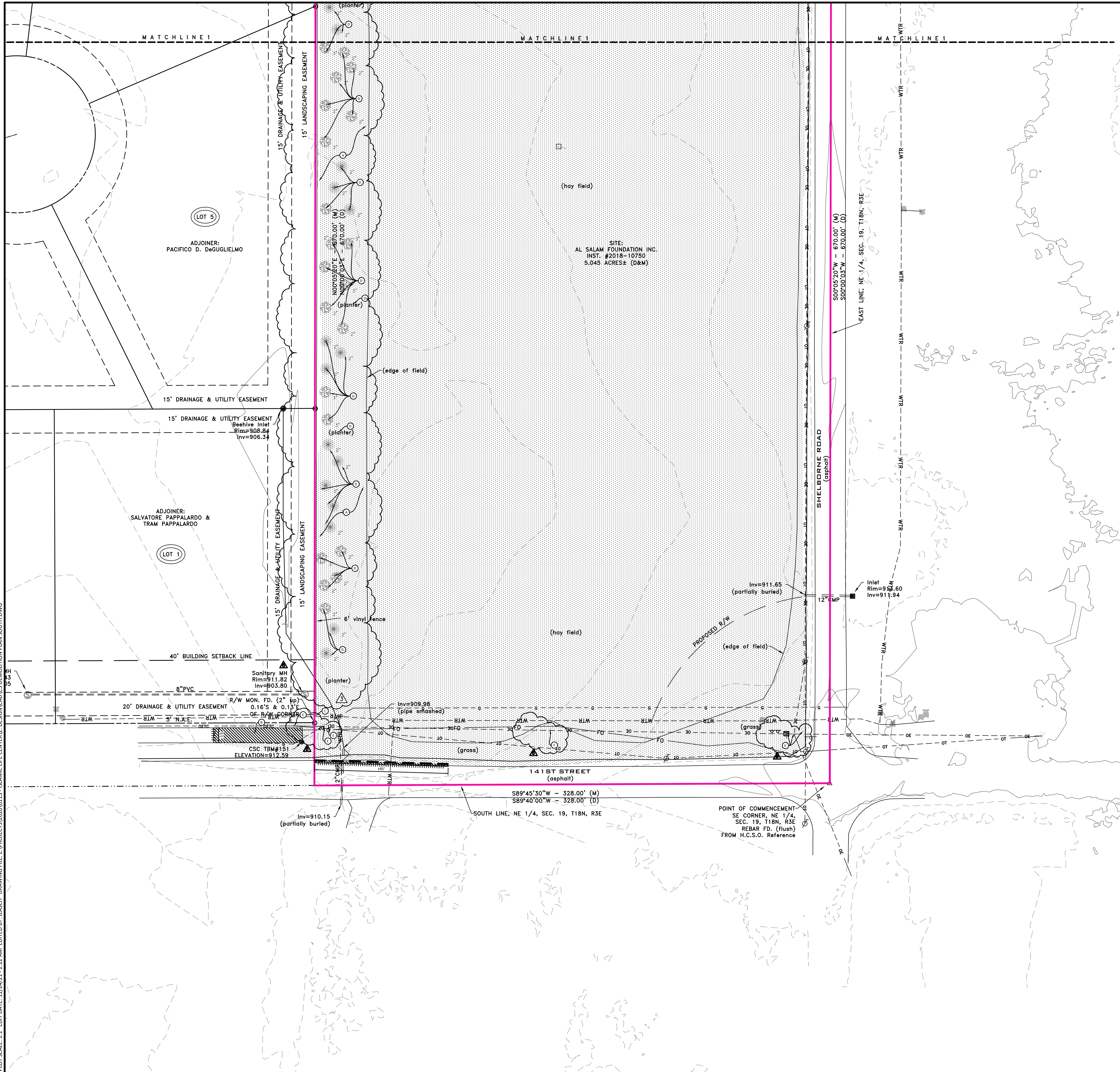


All spaces on the lower level are accessory to the religious assembly spaces on the upper level.

LOWER LEVEL LIFE SAFETY PLAN

Scale: 3/32"=1'-0" (1/28)

PRINT DATE: 11/24/21
PLOT SCALE: 1:1
DRAWING FILE: 2:PROJECTS\2020\0113 - ISLAMIC LIFE CENTER\2: DESIGN\CAD\CS DEMOLITION PLAN SOUTH.DWG
EDIT DATE: 11/24/21 2:22 AM
EDITED BY: JLSCB



0' 30' 60'
SCALE: 1"=30'

KEYNOTES

A. LANDSCAPE ARCHITECT TO REVIEW AND COORDINATE EXISTING LANDSCAPE PLANT MATERIAL TO BE RELOCATED FOR SITE DEVELOPMENT.

B. SIDEWALK SECTION TO BE REPLACED TO MATCH PROPOSED ADA CONDITIONS.

C. FENCE TO BE REMOVED.

D. EXISTING AREA TO BE REMOVED.

E. UTILITY MAY NEED SUPPORTED AND/OR ADJUSTED TO GRADE DUE TO CONSTRUCTION. COORDINATE WITH UTILITY AS NEEDED.

F. COORDINATE RELOCATION AS NECESSARY FOR CONSTRUCTION.

DEMOLITION LEGEND

CONCRETE CURB & GUTTER TO BE REMOVED

PAVEMENT TO BE SAWCUT

UTILITY TO BE REMOVED

ASPHALT TO BE REMOVED

CONCRETE TO BE REMOVED

VEGETATION TO BE CLEARED

OBJECT TO BE PROTECTED

EXISTING LEGEND

LEGEND:	
SYMBOL	DESCRIPTION:
	SIGN / TWO POST SIGN
	WATER VALVE/FIRE HYD/METER
	TELE / GAS MARKER
	GAS METER / VALVE
	CLEAN-OUT
	ELEC. METER BOX/TRANSFORMER
	ELEC. / TELEPHONE PEDESTAL
	GUARD POST/POST WITH LIGHT
	AIR CONDITIONER / GENERATOR
	MAGNAIL SET/FOUND
	REBAR SET/FOUND
	SQUARE / ROUND / CURB INLET
	TRAFFIC/COMBO/ POWER POLE
	LIGHT POLE - SQUARE / ROUND
	CONIFEROUS TREE & SIZE
	DECIDUOUS TREE & SIZE
	DRAINAGE /SANITARY MANHOLE
	COMBINATION/MISC. LID MANHOLE
	BEEHIVE ROUND/SQUARE INLET
	GUY WIRE / GROUND LIGHT
	UNDG. WATER LINE
	UNDG. GAS LINE
	UNDG. TELEPHONE LINE
	UNDG. ELECTRIC LINE
	OVERHEAD ELE. & TEL
	OVERHEAD ELE. TEL & CAB
	OVERHEAD ELECTRIC
	vitrified clay pipe
	reinforced concrete pipe
	polyethylene coated pipe
	high-density polyethylene pipe
	ductile iron pipe

Know what's below.
Call before you dig.

PER INDIANA STATE LAW 15-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CENTRAL STATES CONSULTING, LLC. PROJECT NUMBER 20-043, DATED 06/07/2020.

GENERAL NOTES

- THE DEMOLITION PLAN IS BASED ON INFORMATION PROVIDED ON THE TOPOGRAPHIC SURVEY. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND COMPARING THE DOCUMENTS TO THE FIELD CONDITIONS. IF DISCREPANCIES OCCUR, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING STRUCTURES, STONE, CONCRETE AND PAVEMENT OFF SITE UNLESS NOTED TO REMAIN ON THE CONTRACT DRAWINGS.
- THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION. IF A MONUMENT IS MOVED OR DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SURVEYOR OF RECORD.
- THIS SECTION REQUIRES THE REMOVAL AND DISPOSAL, OFF SITE, OF THE FOLLOWING:
 - SPECIFIED OBJECTS
 - VEGETATION WITHIN THE WORK AREA.
- CONTRACTOR SHALL SUBMIT THE FOLLOWING IN ACCORDANCE WITH CONDITIONS OF THE CONTRACT AND APPROPRIATE SPECIFICATION SECTIONS:
 - A DETAILED SEQUENCE AND SCHEDULE OF DEMOLITION AND REMOVAL WORK TO BE COMPLETED.
- JOB CONDITIONS
 - SALVAGED MATERIALS: ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR MAY BE REMOVED FROM SITE AS WORK PROGRESSES. TRANSPORT SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
 - STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE.
 - EXPLOSIVES: USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
 - TRAFFIC: CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
 - DO NOT CLOSE OR OBSTRUCT ROADS, STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRE BY GOVERNING AUTHORITIES.
 - PROTECTIONS: ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, AND OTHER FACILITIES AND INJURY TO PERSONS.
 - DAMAGES: PROMPTLY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.
 - UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT, CAP AND REMOVE UTILITY SERVICES PER LOCAL REQUIREMENTS. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTIONS HAVE BEEN COMPLETED TO THE SATISFACTION OF LOCAL UTILITIES. (AS REQUIRED)
- DEMOLITION
 - BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS TO A DEPTH OF NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL.
 - FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION. BACK FILL TO BE COMPACTED TO 90% STANDARD PROCTOR OR 98% ON NEW STRUCTURES.
- DISPOSAL OF DEMOLISHED MATERIALS
 - GENERAL: REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
 - REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.
- TEMPORARY TRAFFIC CONTROL DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- UTILITY RELOCATIONS REQUIRED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. UTILITY LINE RELOCATIONS REQUIRED FOR ROAD PROJECTS THAT RESULT IN A CONFLICT WITH PROPOSED DEVELOPMENT SHALL BE THE DEVELOPER TO RESOLVE WITH THE UTILITY. EXISTING POLE LINES REQUIRED TO BE RELOCATED TO WITHIN ONE FOOT OF PROPOSED RIGHT-OF-WAY LINE.
- NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
- ALL EXISTING PERIMETER ROAD DRAINAGE STRUCTURES AND BRIDGES ACROSS THE FRONTAGE OF THIS DEVELOPMENT ARE INDICATED ON THE PLANS. PROVISIONS HAVE BEEN MADE TO REMOVE OR REPLACE ANY DRAINAGE STRUCTURES AND BRIDGES AS NECESSARY OR AS REQUEST BY THE CITY TO ACCOMMODATE THE PAVEMENT WIDENING, AUXILIARY LANES, MULTI-USE PATH, AND ANY OTHER REQUIRED IMPROVEMENTS TO THE PROPERTY OR THE ROADWAY. THE COST TO IMPROVE OR REPLACE ANY DRAINAGE STRUCTURES AND BRIDGES WILL BE BORNE BY THE DEVELOPER.
- DAMAGE TO THE EXISTING RIGHT-OF-WAY SHALL BE RESTORED/REPAIRED TO THE SATISFACTION OF THE CITY AT THE COMPLETION OF THE PROJECT. THE CONTRACTOR IS ENCOURAGED TO INSPECT THE RIGHT-OF-WAY WITH THE CITY PRIOR TO THE START OF CONSTRUCTION TO DOCUMENT THE EXISTING CONDITION OF THE RIGHT-OF-WAY.

BENCHMARK DATA

LEE 4 RESET ELEVATION 910.53 (NAVD 88)

A DNR TABLET FOUND IN TOP OF THE CONCRETE POST 15.3 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD AND 1500 FEET SOUTH OF THE ORIGINAL CENTERLINE OF 146TH STREET.

CSC TBM #156 ELEVATION 912.83

A 5/8" CAPPED REBAR SET ±12 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD, ALSO ±760 FEET NORTH OF THE CENTERLINE OF 141ST STREET.

CSC TBM #151 ELEVATION 912.59

A MAGNAIL WITH WASHER STAMPED "TSC CPT" FOUND AT THE END OF AN ASPHALT PATH, ALSO ±335 FEET WEST OF THE CENTERLINE OF SHELBORNE ROAD, ALSO ±25 FEET NORTH OF THE CENTERLINE OF 141ST STREET.

PROJECT NO.: 2020.0113

DRAWN BY: MWJ

CHECKED BY: TMJ

TIMOTHY M. JENSEN
REGISTERED PROFESSIONAL ENGINEER
No. 10708270
STATE OF INDIANA
Bid Set: Add: 11/24/2021

VERIDUS ENGINEERING
6280 N. Shadeland Avenue, Suite A
Indianapolis, IN 46220
Phone: (317) 598-6647 | www.theveridusgroup.com

Al Salam Foundation

ISLAMIC LIFE CENTER

14120 Shelborne Road, Carmel IN 46074

PERMIT SET
03/17/2021

TAC RESPONSE 1.0
04/15/2021

TAC RESPONSE 2.0
06/09/2021

TAC RESPONSE 3.0
07/26/2021

TAC RESPONSE 4.0
08/30/2021

TAC RESPONSE 5.0
09/21/2021

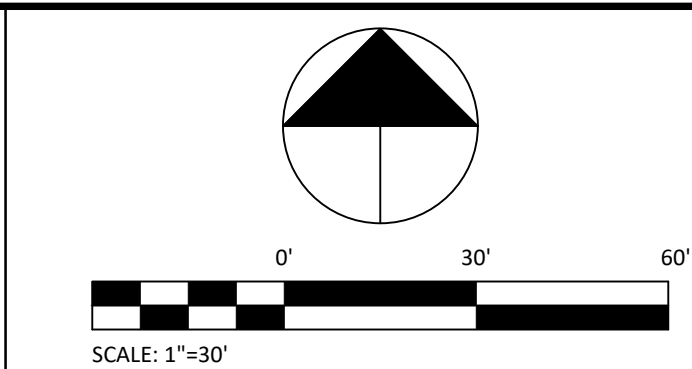
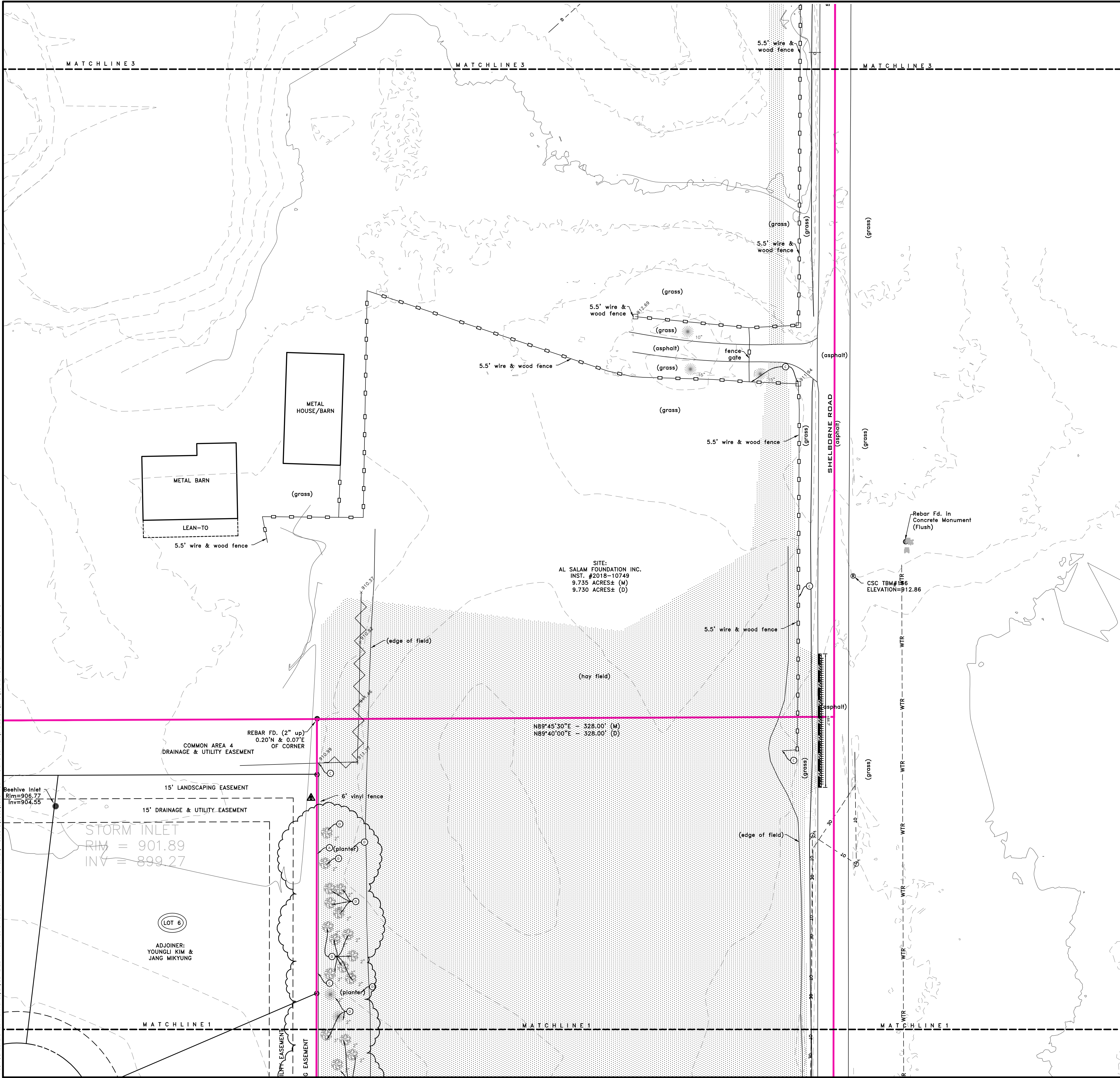
TAC RESPONSE 6.0
10/07/2021

ADDENDUM 2
11/24/2021

DEMOLITION PLAN SOUTH

C5

PRINT DATE: 11/24/21
PLOT SCALE: 1:1
DRAWING FILE: 2:PROJECTS\2020\0113 - ISLAMIC LIFE CENTER\2:DESIGN\CAD\CS DEMOLITION PLAN SOUTH.DWG
EDIT DATE: 11/24/21 2:22 AM
EDITED BY: JLASCH



KEYNOTES

- LANDSCAPE ARCHITECT TO REVIEW AND COORDINATE EXISTING LANDSCAPE PLANT MATERIAL TO BE RELOCATED FOR SITE DEVELOPMENT.
- SIDEWALK SECTION TO BE REPLACED TO MATCH PROPOSED ADA CONDITIONS.
- FENCE TO BE REMOVED.
- EXISTING TREES TO BE REMOVED.
- UTILITY MAY NEED SUPPORTED AND/OR ADJUSTED TO GRADE DUE TO CONSTRUCTION. COORDINATE WITH UTILITY AS NEEDED.
- COORDINATE RELOCATION AS NECESSARY FOR CONSTRUCTION.

DEMOLITION LEGEND

- CONCRETE CURB & GUTTER TO BE REMOVED
- PAVEMENT TO BE SAWCUT
- UTILITY TO BE REMOVED
- ASPHALT TO BE REMOVED
- CONCRETE TO BE REMOVED
- VEGETATION TO BE CLEARED
- OBJECT TO BE PROTECTED

EXISTING LEGEND

LEGEND:	
SYMBOL	DESCRIPTION:
	SIGN / TWO POST SIGN
	WATER VALVE/FIRE HYD/METER
	TELE / GAS MARKER
	GAS METER / VALVE
	CLEAN-OUT
	ELEC. METER BOX/TRANSFORMER
	ELEC. / TELEPHONE PEDESTAL
	GUARD POST/POST WITH LIGHT
	AIR CONDITIONER / GENERATOR
	MAGNAIL SET/FOUND
	REBAR SET/FOUND
	SQUARE / ROUND / CURB INLET
	TRAFFIC/COMBO/ POWER POLE
	LIGHT POLE - SQUARE / ROUND
	CONIFEROUS TREE & SIZE
	DECIDUOUS TREE & SIZE
	DRAINAGE /SANITARY MANHOLE
	COMBINATION/MISC. LID MANHOLE
	BEEHIVE ROUND/SQUARE INLET
	GUY WIRE / GROUND LIGHT
	UNGD. WATER LINE
	UNGD. GAS LINE
	UNGD. TELEPHONE LINE
	UNGD. ELECTRIC LINE
	OVERHEAD ELE. & TEL
	OVERHEAD ELE TEL & CAB
	OVERHEAD ELECTRIC
	vitrified clay pipe
	reinforced concrete pipe
	polyethylene coated pipe
	high-density polyethylene pipe
	ductile iron pipe



PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CENTRAL STATES CONSULTING, LLC. PROJECT NUMBER 20-043, DATED 06/07/2020.

GENERAL NOTES

- THE DEMOLITION PLAN IS BASED ON INFORMATION PROVIDED ON THE TOPOGRAPHIC SURVEY. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND COMPARING THE DOCUMENTS TO THE FIELD CONDITIONS. IF DISCREPANCIES OCCUR, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING STRUCTURES, STONE, CONCRETE AND PAVEMENT OFF SITE UNLESS NOTED TO REMAIN ON THE CONTRACT DRAWINGS.
- THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION. IF A MONUMENT IS MOVED OR DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SURVEYOR OF RECORD.
- THIS SECTION REQUIRES THE REMOVAL AND DISPOSAL, OFF SITE, OF THE FOLLOWING:
 - SPECIFIED OBJECTS
 - VEGETATION WITHIN THE WORK AREA.
- CONTRACTOR SHALL SUBMIT THE FOLLOWING IN ACCORDANCE WITH CONDITIONS OF THE CONTRACT AND APPROPRIATE SPECIFICATION SECTIONS:
 - A DETAILED SEQUENCE AND SCHEDULE OF DEMOLITION AND REMOVAL WORK TO BE COMPLETED.
- JOB CONDITIONS
 - SALVAGED MATERIALS: ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR MAY BE REMOVED FROM SITE AS WORK PROGRESSES. TRANSPORT SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
 - STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE.
 - EXPLOSIVES: USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
 - TRAFFIC: CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES
 - DO NOT CLOSE OR OBSTRUCT ROADS, STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRE BY GOVERNING AUTHORITIES.
 - PROTECTIONS: ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION, CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, AND OTHER FACILITIES AND INJURY TO PERSONS.
 - DAMAGES: PROMPTLY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.
 - UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT, CAP AND REMOVE UTILITY SERVICES PER LOCAL REQUIREMENTS. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTIONS HAVE BEEN COMPLETED TO THE SATISFACTION OF LOCAL UTILITIES. (AS REQUIRED)
- DEMOLITION
 - BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS TO A DEPTH OF NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL.
 - FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION. BACK FILL TO BE COMPACTED TO 90% STANDARD PROCTOR OR 98% ON NEW STRUCTURES.
- DISPOSAL OF DEMOLISHED MATERIALS
 - GENERAL: REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
 - REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.
- TEMPORARY TRAFFIC CONTROL DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- UTILITY RELOCATIONS REQUIRED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. UTILITY LINE RELOCATIONS REQUIRED FOR ROAD PROJECTS THAT RESULT IN A CONFLICT WITH PROPOSED DEVELOPMENT SHALL BE THE DEVELOPER TO RESOLVE WITH THE UTILITY. EXISTING POLE LINES REQUIRED TO BE RELOCATED TO WITHIN ONE FOOT OF PROPOSED RIGHT-OF-WAY LINE.
- NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
- ALL EXISTING PERIMETER ROAD DRAINAGE STRUCTURES AND BRIDGES ACROSS THE FRONTAGE OF THIS DEVELOPMENT ARE INDICATED ON THE PLANS. PROVISIONS HAVE BEEN MADE TO REMOVE OR REPLACE ANY DRAINAGE STRUCTURES AND BRIDGES AS NECESSARY OR AS REQUEST BY THE CITY TO ACCOMMODATE THE PAVEMENT WIDENING, AUXILIARY LANES, MULTI-USE PATH, AND ANY OTHER REQUIRED IMPROVEMENTS TO THE PROPERTY OR THE ROADWAY. THE COST TO IMPROVE OR REPLACE ANY DRAINAGE STRUCTURES AND BRIDGES WILL BE BORNE BY THE DEVELOPER.
- DAMAGE TO THE EXISTING RIGHT-OF-WAY SHALL BE RESTORED/REPAIRED TO THE SATISFACTION OF THE CITY AT THE COMPLETION OF THE PROJECT. THE CONTRACTOR IS ENCOURAGED TO INSPECT THE RIGHT-OF-WAY WITH THE CITY PRIOR TO THE START OF CONSTRUCTION TO DOCUMENT THE EXISTING CONDITION OF THE RIGHT-OF-WAY.

BENCHMARK DATA

LEE 4 RESET	ELEVATION 910.53 (NAVD 88)
A DNR TABLET FOUND IN TOP OF THE CONCRETE POST 15.3 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD AND 1500 FEET SOUTH OF THE ORIGINAL CENTERLINE OF 146TH STREET.	
CSC TBM #156	ELEVATION 912.83
A 5/8" CAPPED REBAR SET ±12 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD, ALSO ±760 FEET NORTH OF THE CENTERLINE OF 141ST STREET.	
CSC TBM #151	ELEVATION 912.59
A MAGNAIL WITH WASHER STAMPED "TSC CPT" FOUND AT THE END OF AN ASPHALT PATH, ALSO ±335 FEET WEST OF THE CENTERLINE OF SHELBORNE ROAD, ALSO ±25 FEET NORTH OF THE CENTERLINE OF 141ST STREET.	
PROJECT NO.:	2020.0113
DRAWN BY:	MMW
CHECKED BY:	TMJ

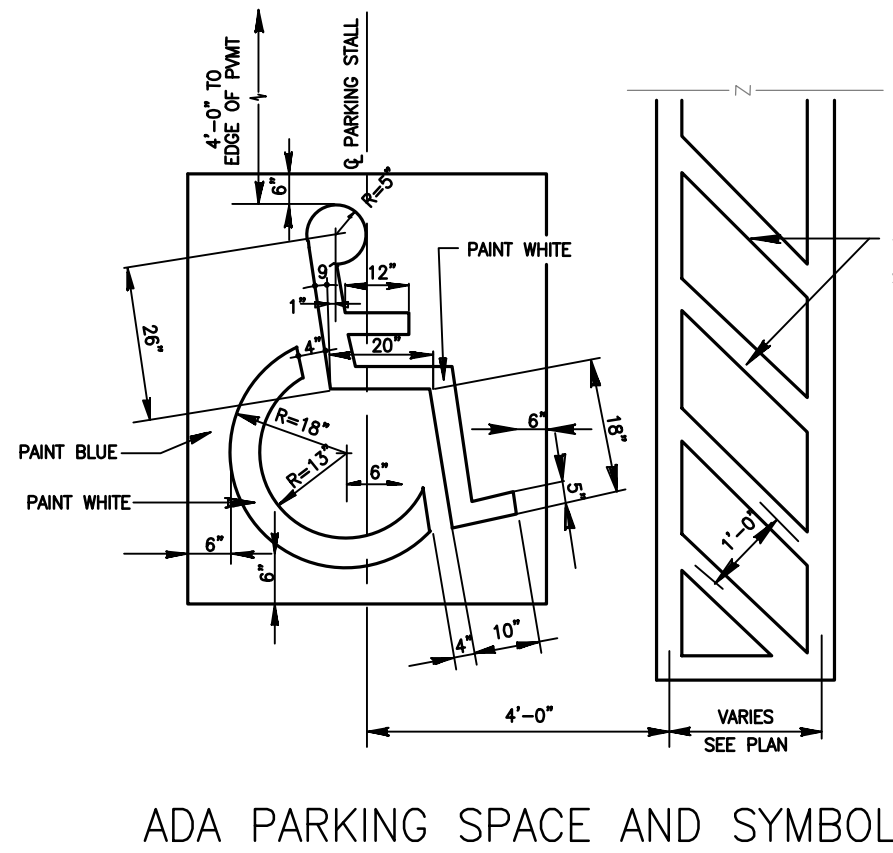


VERIDUS ENGINEERING
6280 N. Shadeland Avenue, Suite A
Indianapolis, IN 46220
Phone: (317) 598-6647 | www.theveridusgroup.com

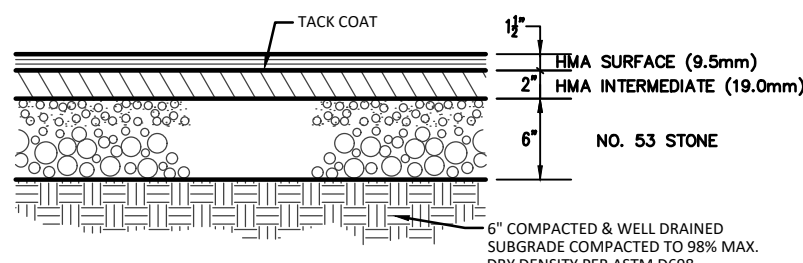
Al Salam Foundation
ISLAMIC LIFE CENTER
14120 Shelborne Road, Carmel IN 46074

PERMIT SET	03/17/2021
TAC RESPONSE 1.0	04/15/2021
TAC RESPONSE 2.0	06/09/2021
TAC RESPONSE 3.0	07/26/2021
TAC RESPONSE 4.0	08/30/2021
TAC RESPONSE 5.0	09/21/2021
TAC RESPONSE 6.0	10/07/2021
ADDENDUM 2	11/24/2021
DEMOLITION PLAN CENTER	
C6	

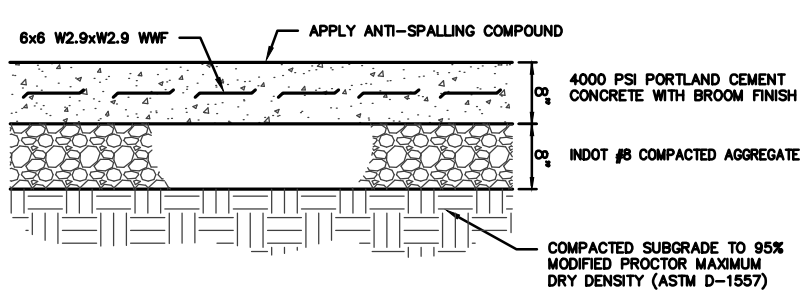
PRINT DATE: 11/24/21
PLOT SCALE: 1" = 12'-0"
DRAWING FILE: 2:\PROJECTS\2020\0113 - ISLAMIC LIFE CENTER\2 - DESIGN\CAD\C11 SITE DETAILS.DWG
DESIGNER: JASCH
EDITOR: JASCH
DATE: 11/24/21 11:02 AM



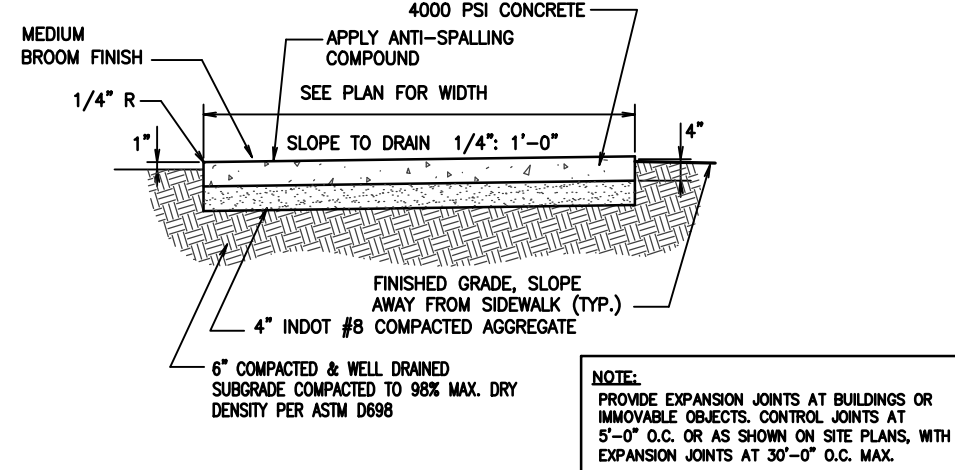
ADA PARKING SPACE AND SYMBOL



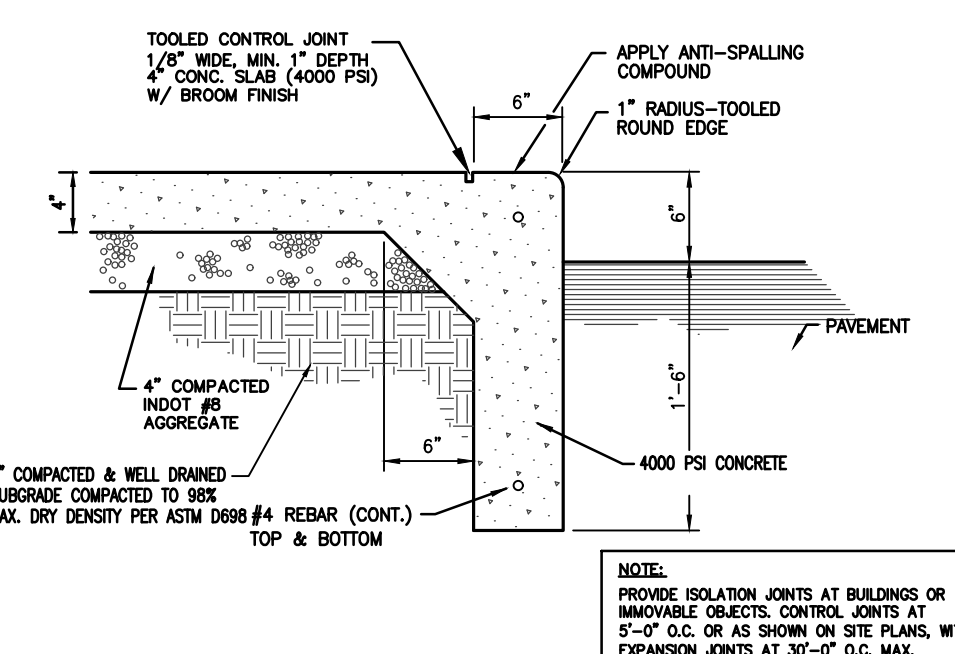
AUTOMOBILE LIGHT DUTY ASPHALT PAVEMENT SECTION



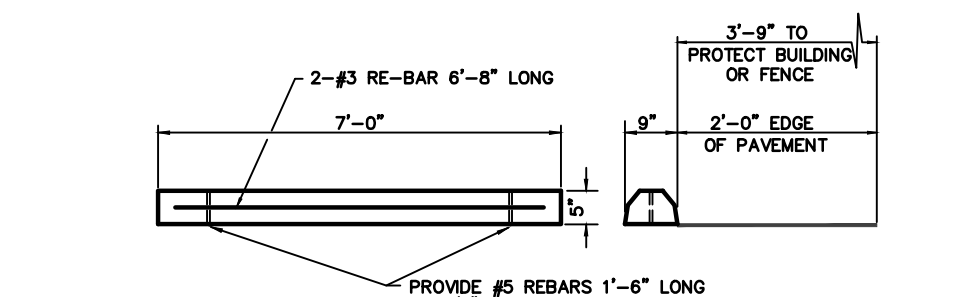
HEAVY DUTY CONCRETE PAVEMENT



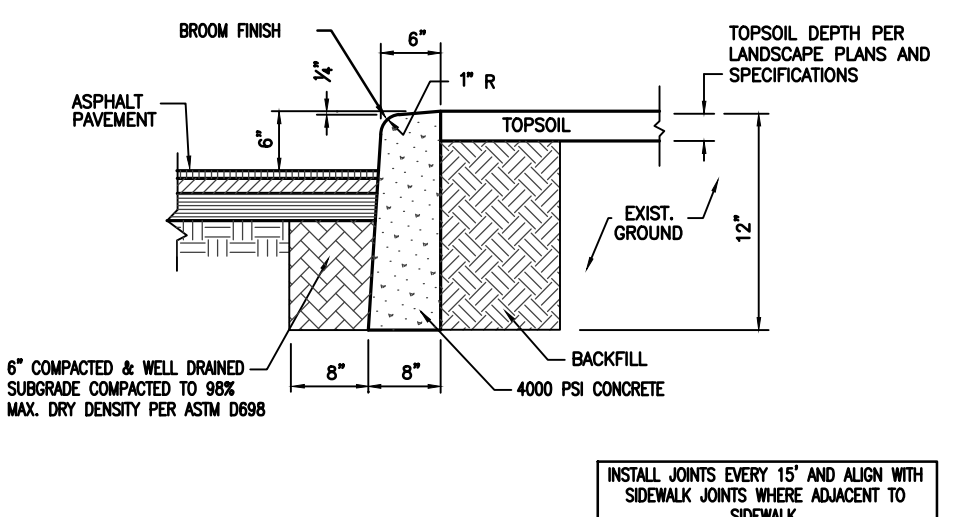
CONCRETE SIDEWALK



COMBINED CONCRETE CURB AND WALK



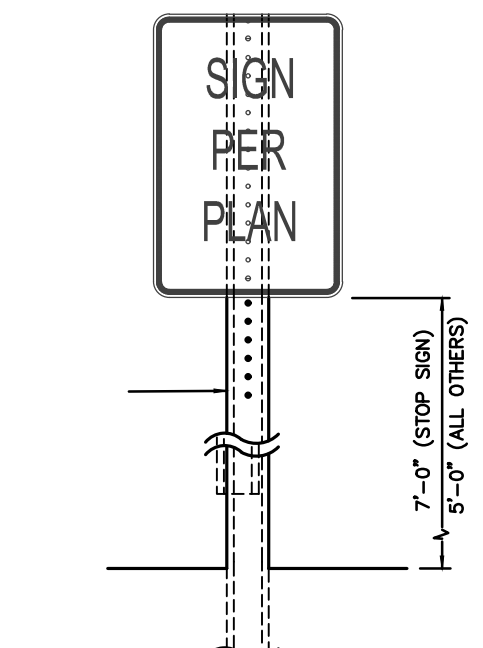
PRECAST CONCRETE WHEEL STOPS



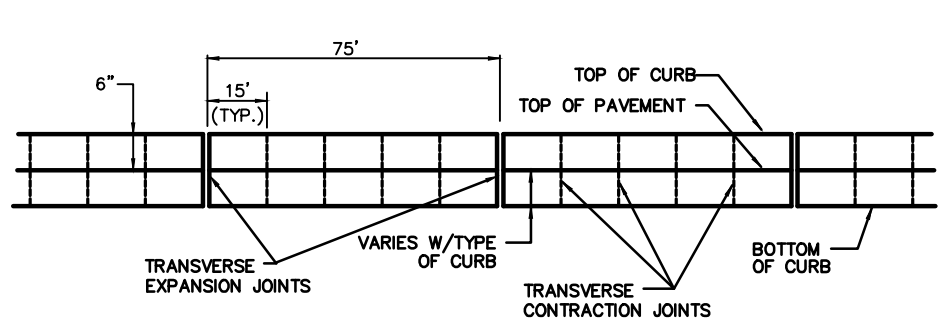
6" CONCRETE CURB



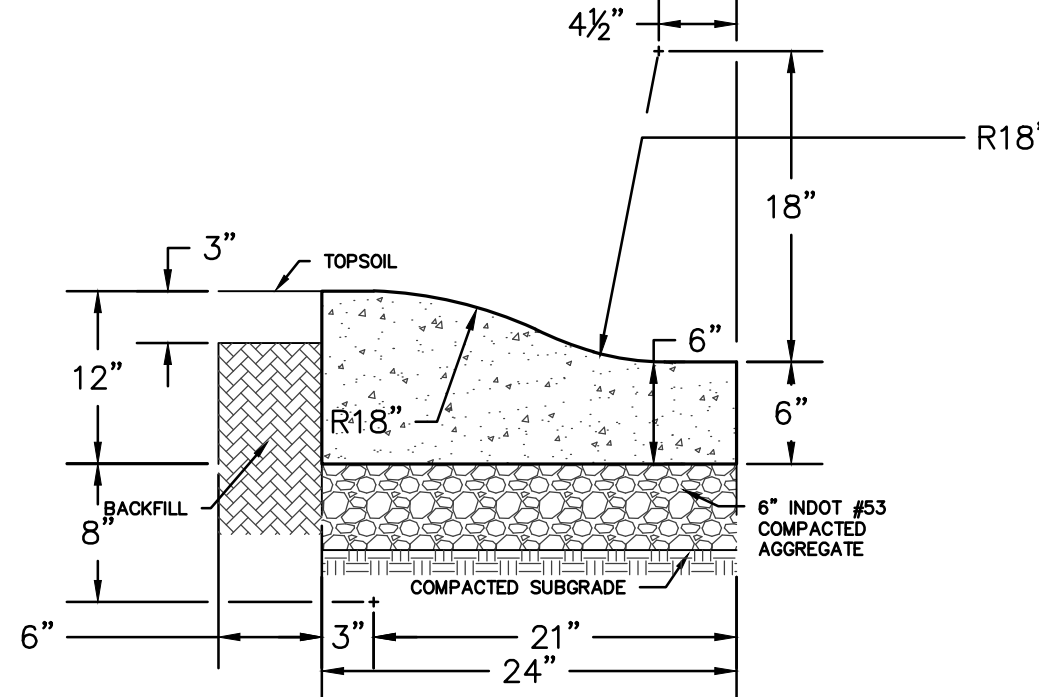
PARKING SIGNS



CONCRETE CURB TAPER



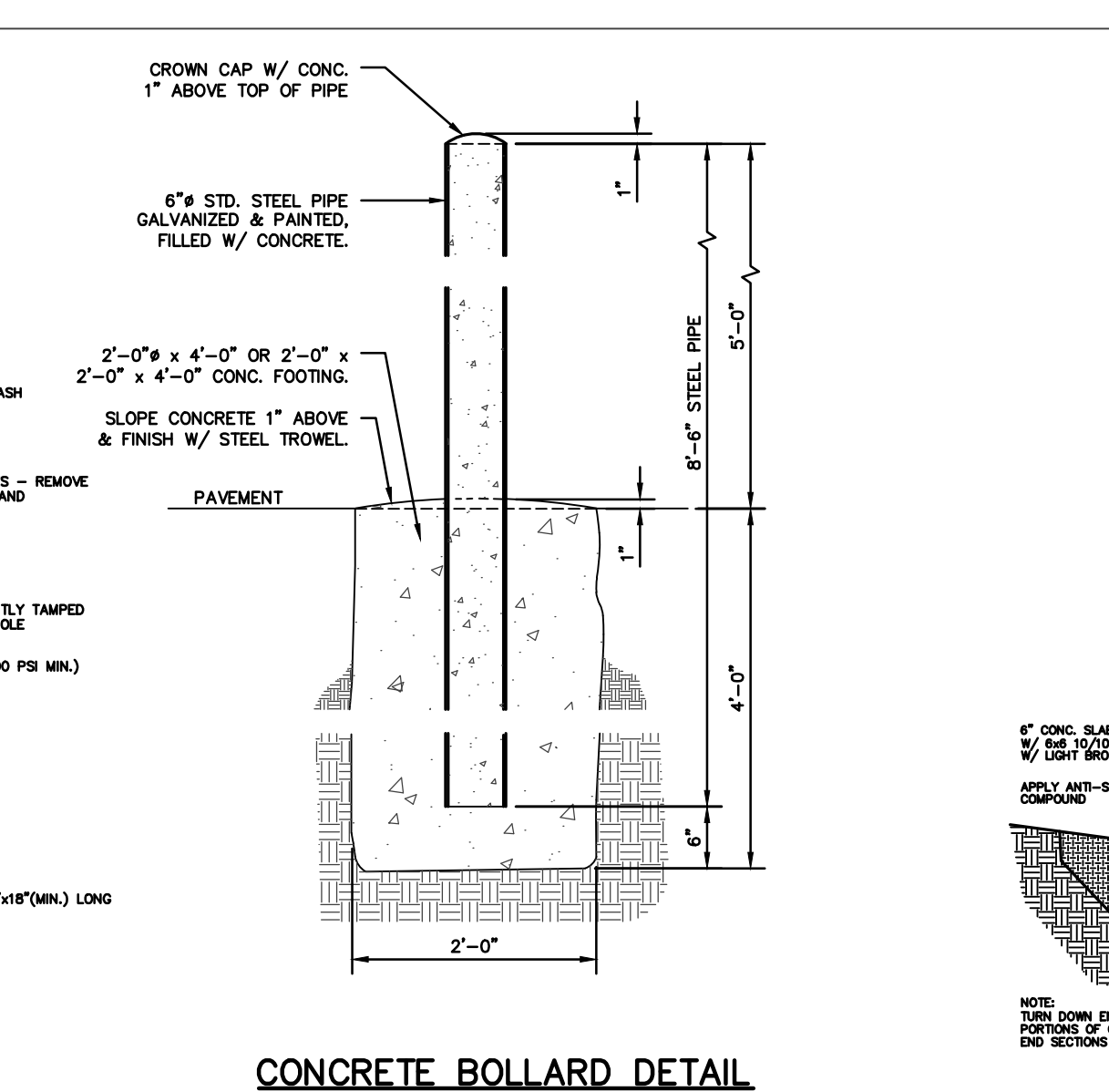
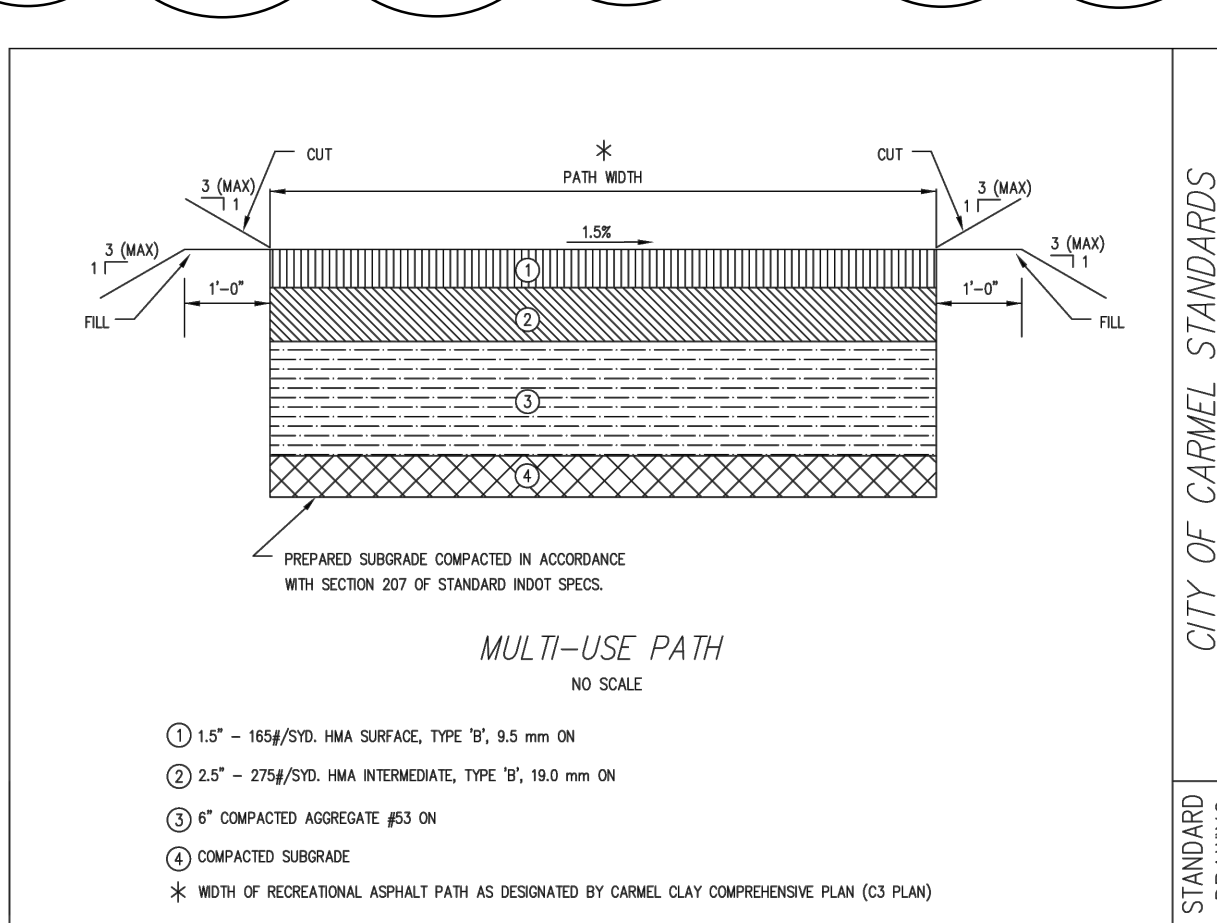
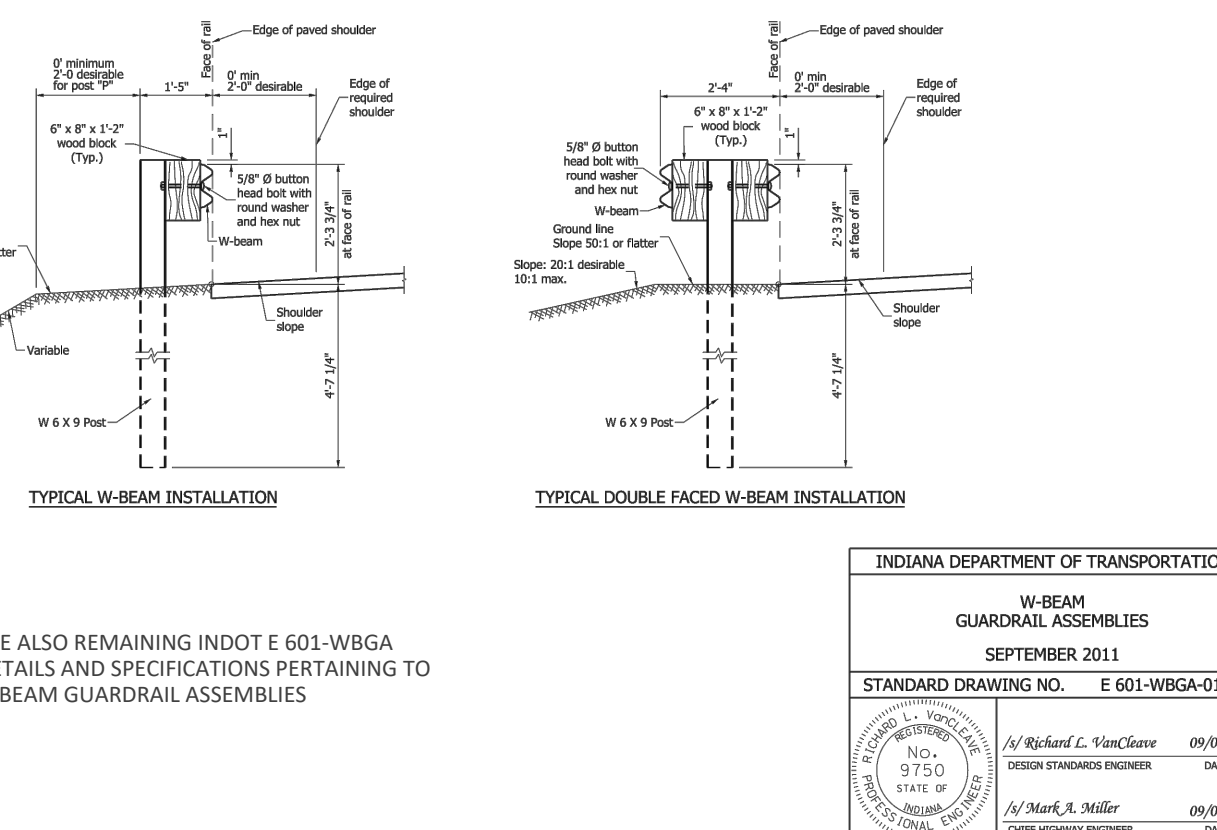
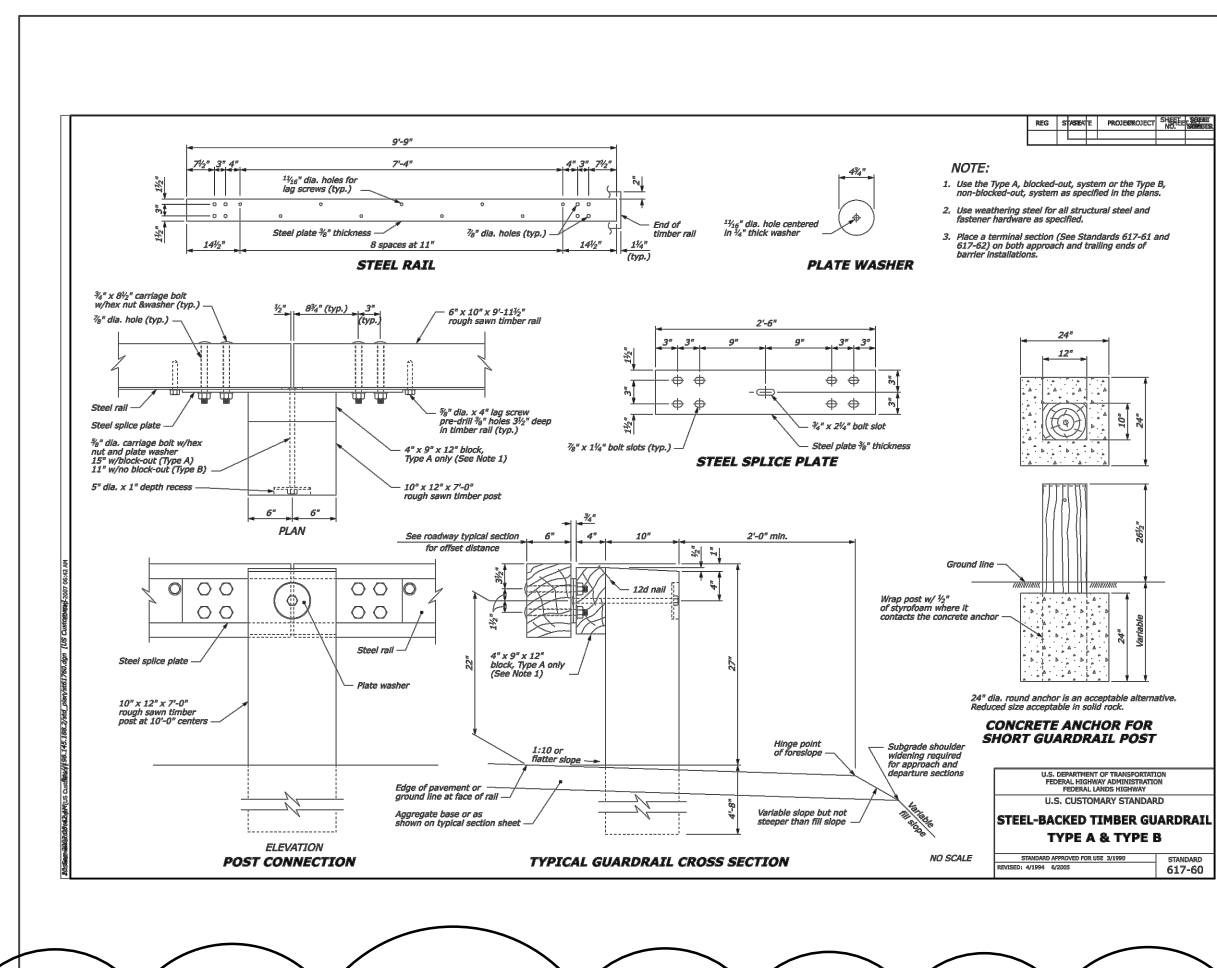
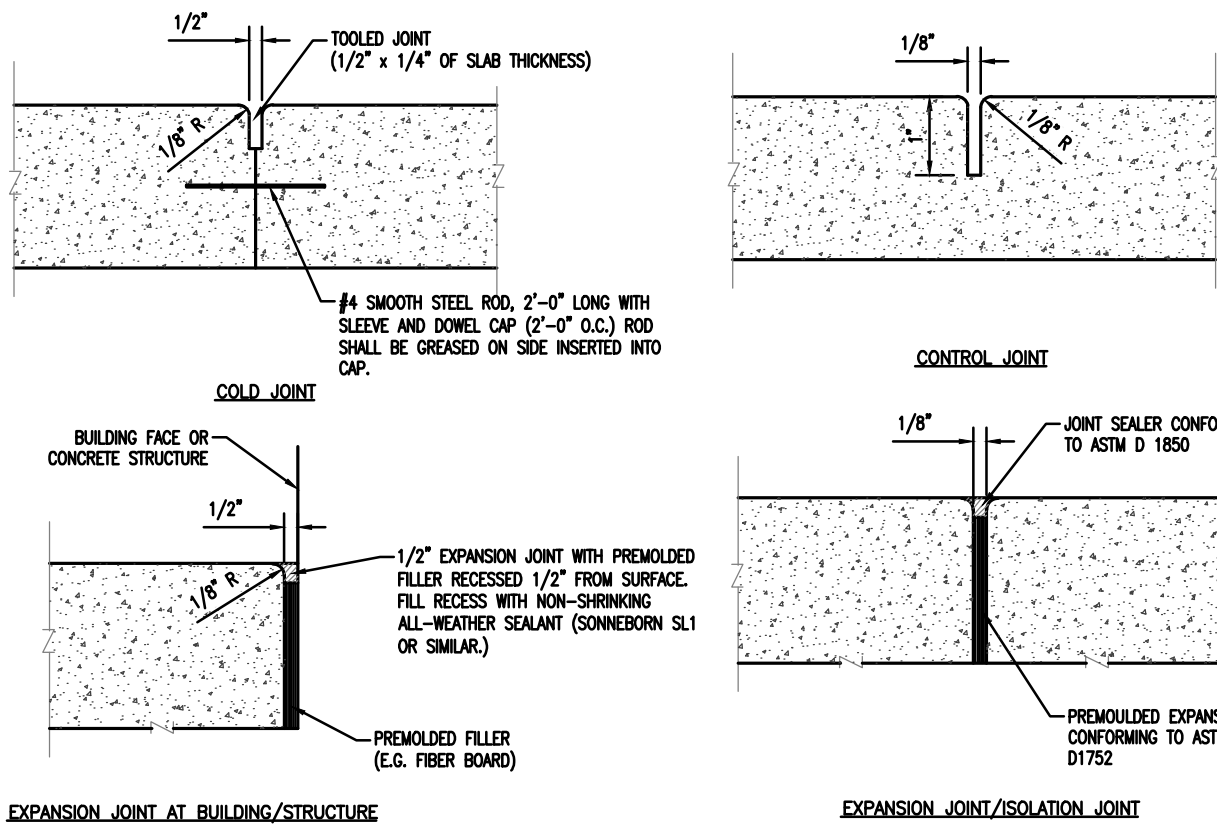
CURB JOINT DETAIL



CONCRETE ROLL CURB

NOT TO SCALE

TYPICAL CONCRETE JOINT DETAILS



FLAG POLE BASE DETAIL

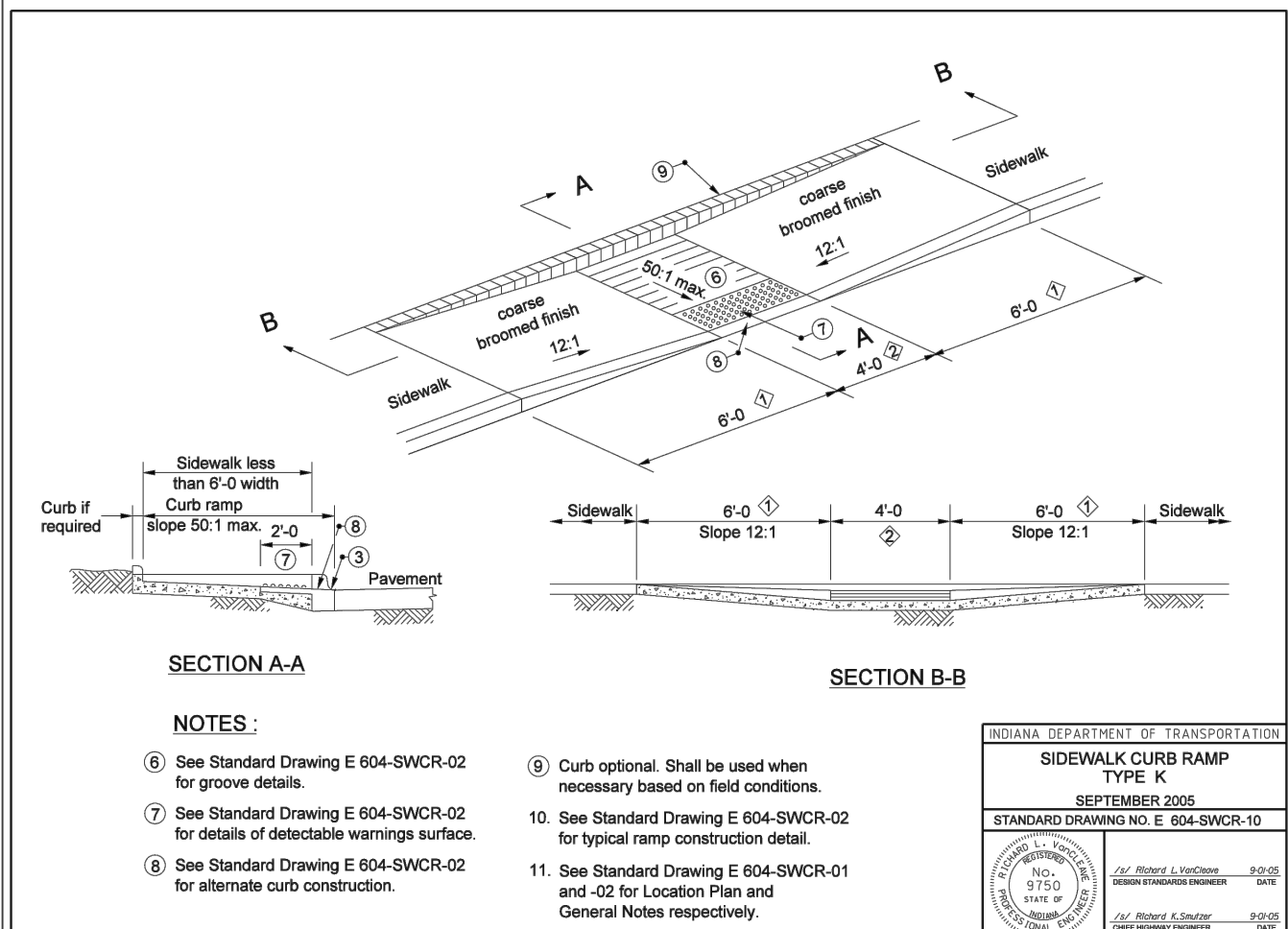
NOT TO SCALE

(REV. 02/16)

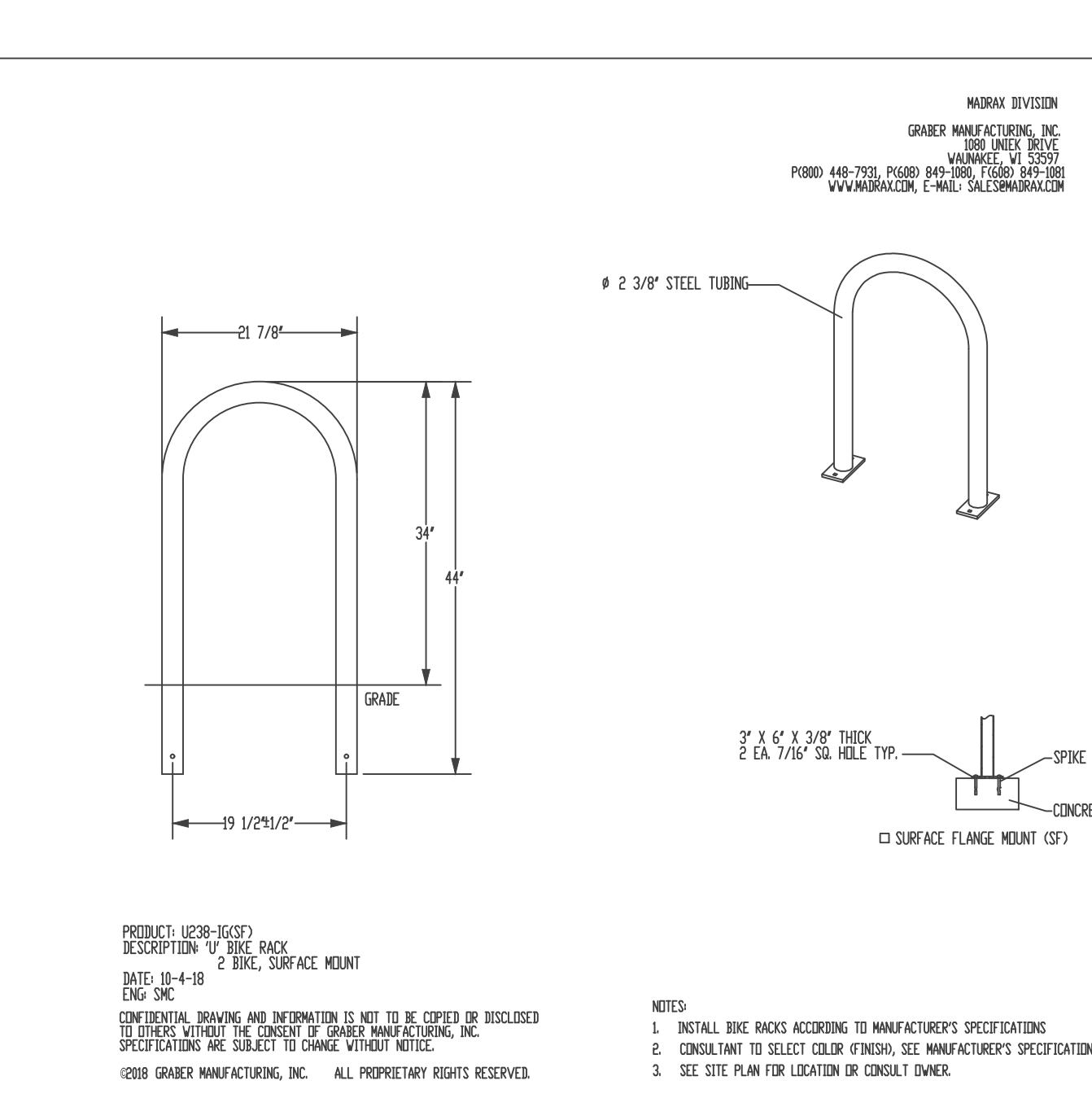
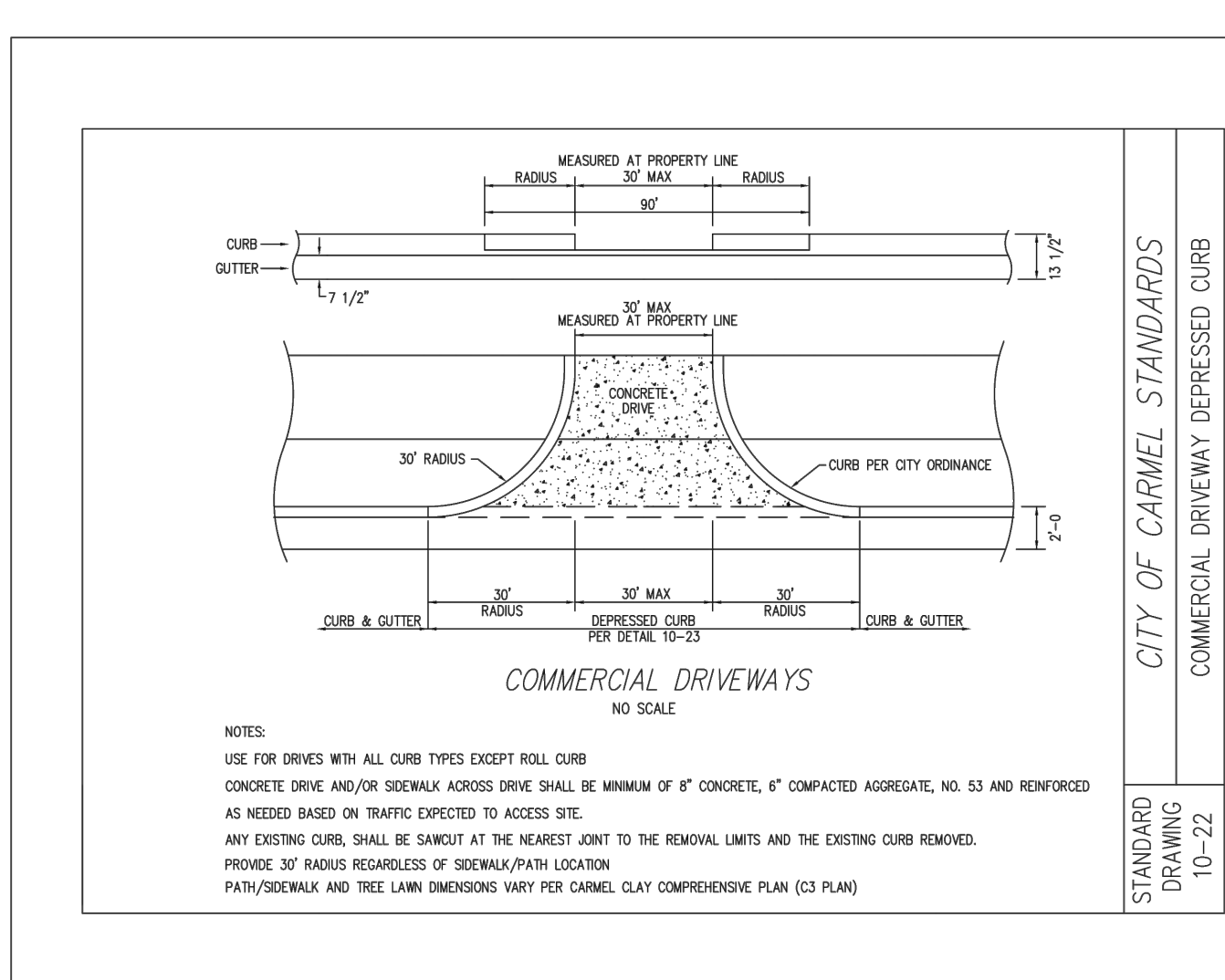
CONCRETE BOLLARD DETAIL

NOT TO SCALE

(REV. 12/15)



ADA ACCESSIBLE RAMP, TYPE 'K'



CONCRETE SWALE DETAIL

NOT TO SCALE

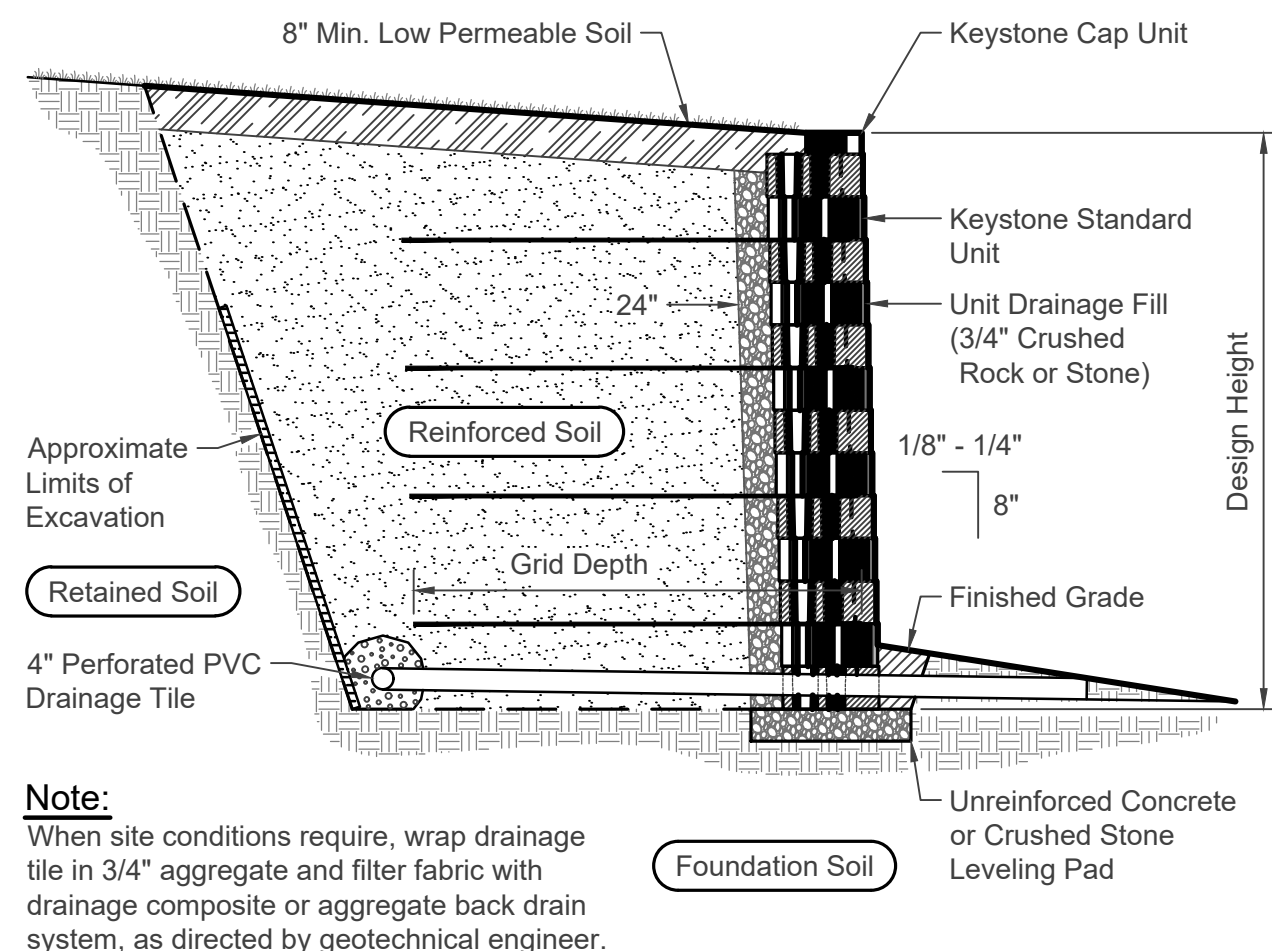
VERIDUS ENGINEERING
6280 N. Shadeland Avenue, Suite A
Indianapolis, IN 46220
Phone: (317) 598-6647 | www.theveridusgroup.com

TIMOTHY M. JENSON
REGISTERED PROFESSIONAL ENGINEER
No. 10708270
STATE OF INDIANA
Bid Set: Add: 11/24/2021

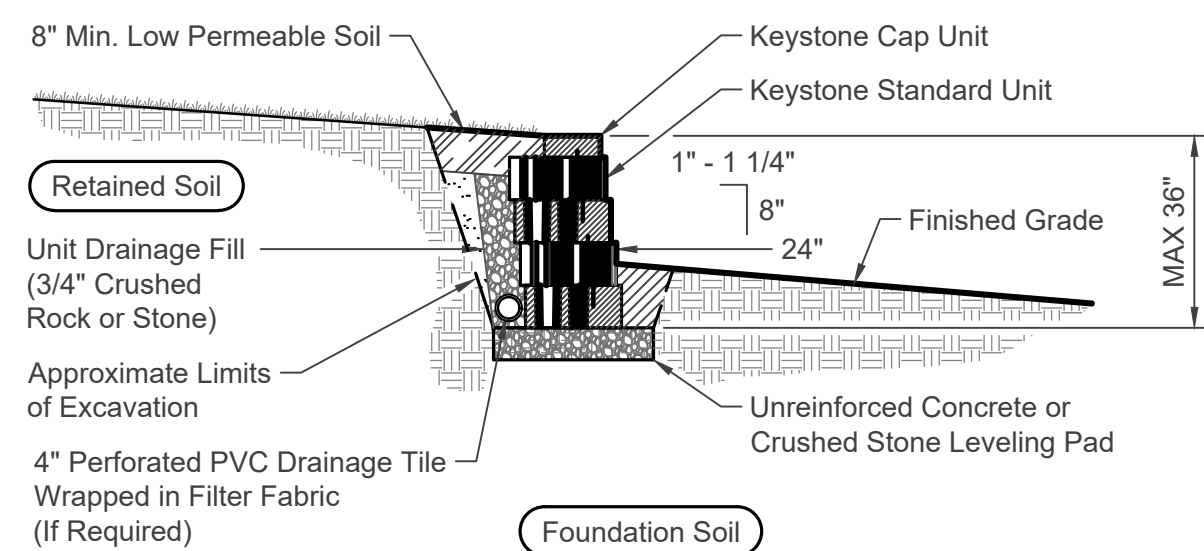
Al Salam Foundation
ISLAMIC LIFE CENTER
14120 Shelborne Road, Carmel IN 46074

PERMIT SET 03/17/2021
TAC RESPONSE 1.0 04/15/2021
TAC RESPONSE 2.0 06/09/2021
TAC RESPONSE 3.0 07/26/2021
TAC RESPONSE 4.0 08/30/2021
TAC RESPONSE 5.0 09/21/2021
TAC RESPONSE 6.0 10/07/2021
ADDENDUM 2 11/24/2021

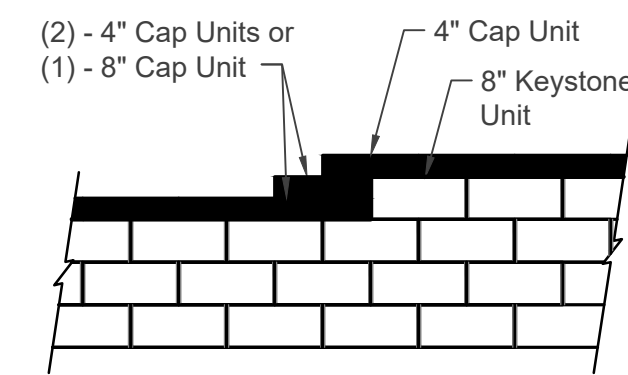
SITE DETAILS
C11



Typical Reinforced Wall Section
Standard Unit - Near Vertical Setback

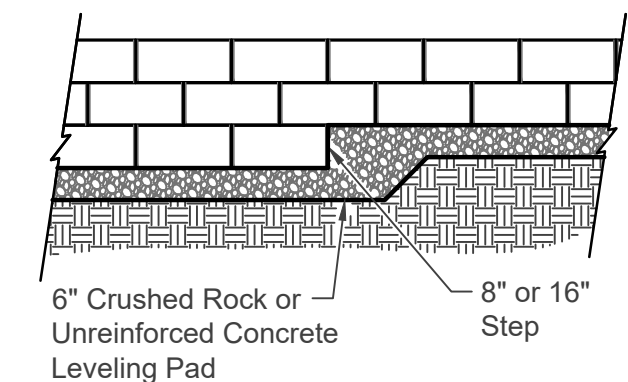


Typical Gravity Wall Section
Standard Unit - 1\"/>

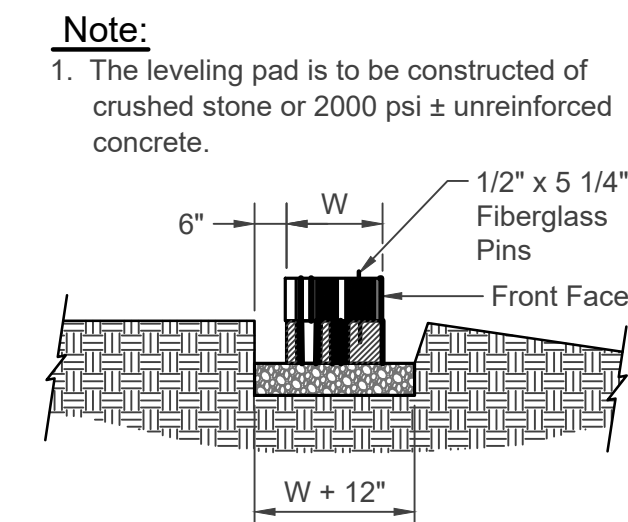


Note:
1. Secure all cap units with Keystone Kapseal or equal.

Top of Wall Steps

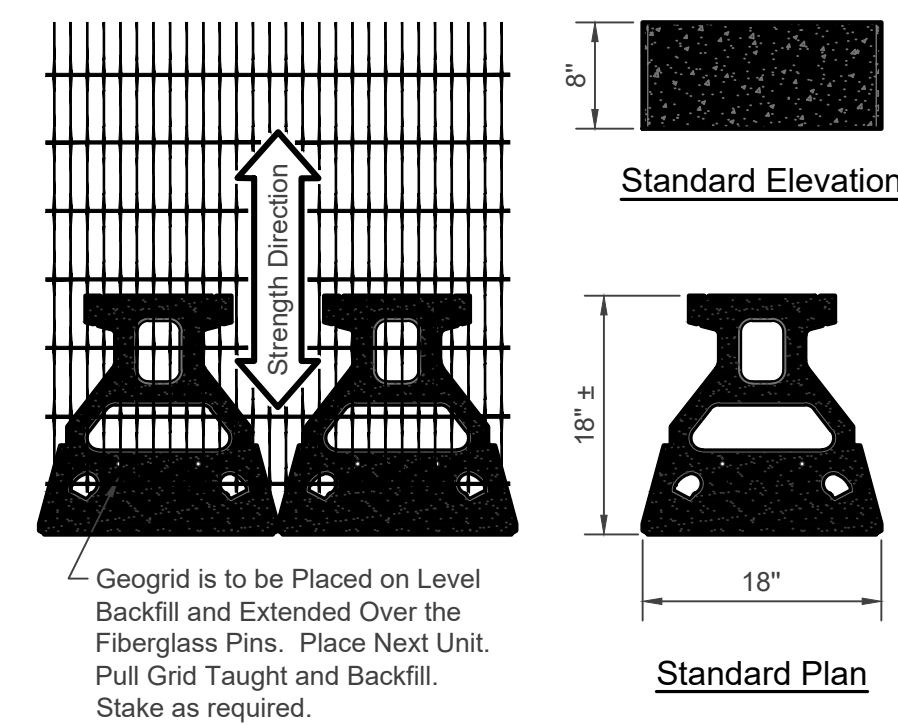


Elevation



Section

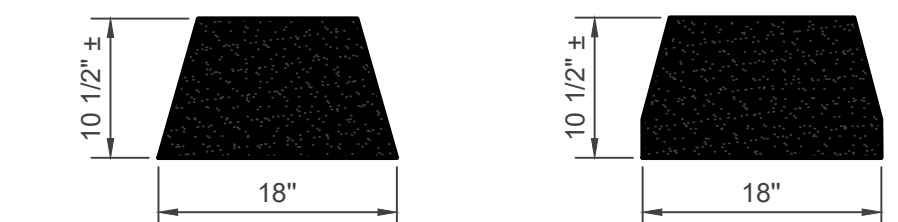
Leveling Pad Detail



Grid & Pin Connection



Cap Unit Elevation



Cap Unit Plan

Universal Cap Unit Option
* Dimensions & Availability Will Vary by Region

Straight Split Cap Unit Option
* Dimensions & Availability Will Vary by Region

Copyright 2003 Keystone Retaining Wall Systems

Design is for internal stability of the KEYSTONE wall structure only. External stability, including but not limited to foundation and slope stability is the responsibility of the Owner. The design is based on the assumption that the materials within the retained mass, methods of construction, and quality of materials conform to KEYSTONE's specification for this project.

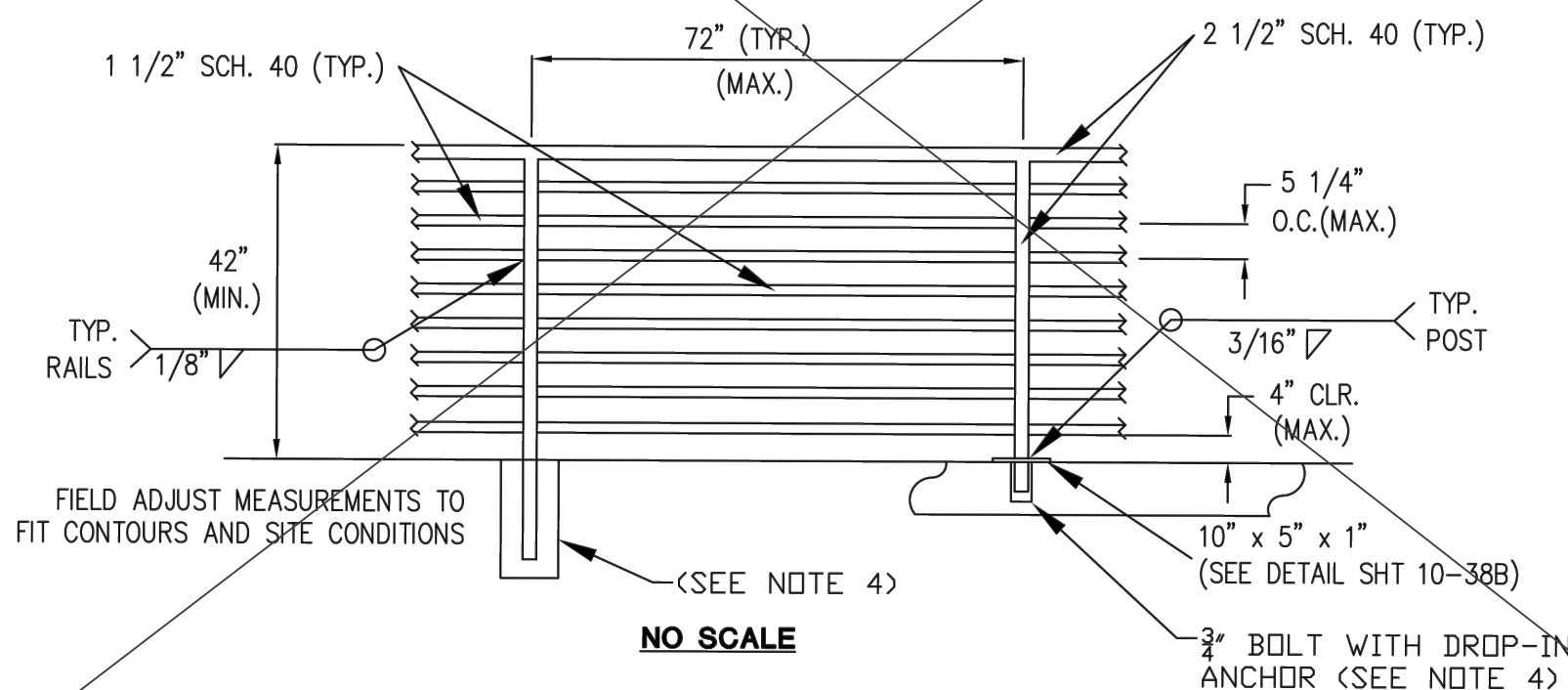
This drawing is being furnished for this specific project only. Any party accepting this document does so in confidence and agrees that it shall not be duplicated in whole or in part, nor disclosed to others without the consent of Keystone Retaining Wall Systems, Inc.



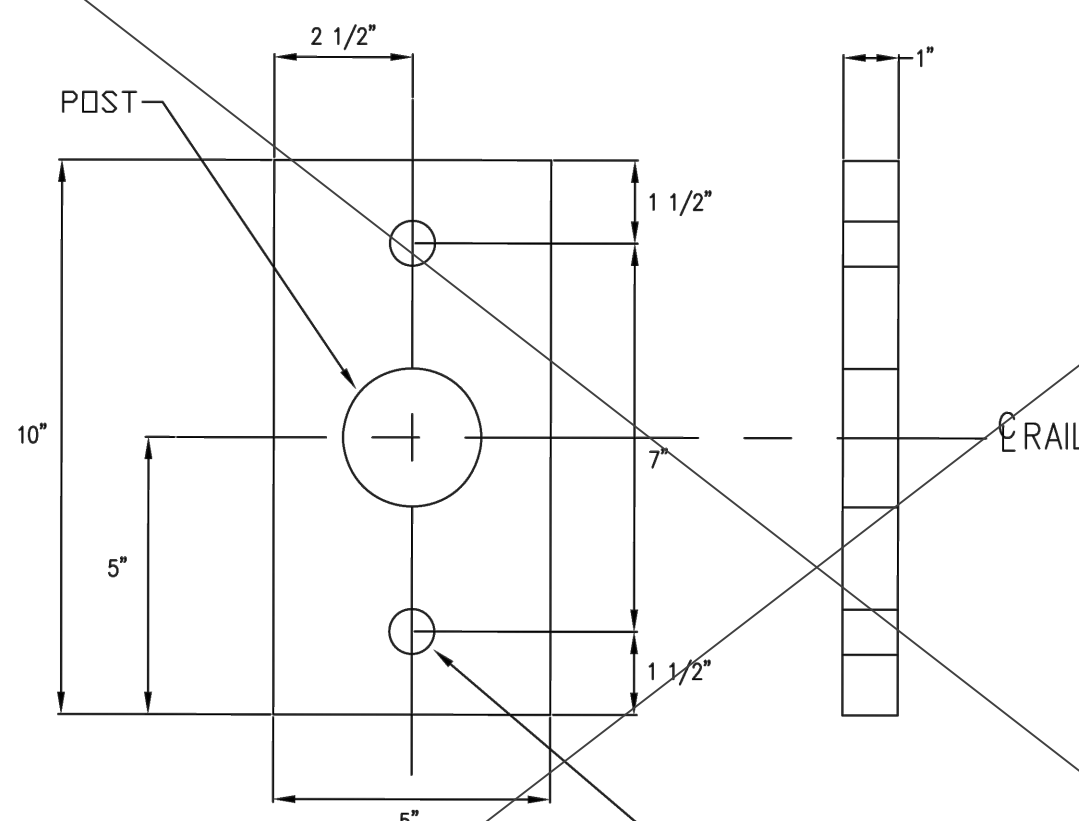
Standard Unit 18 - Straight Face Details
Keystone Retaining Wall Systems
Typical Wall Details

RAILING NOTES

- 1) HANDRAIL MATERIALS AND WORK SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS UNLESS OTHERWISE NOTED.
- 2) ALL PIPE MATERIAL SHALL BE SCHEDULE 40, ASTM A53, GR. B.
- 3) HANDRAILS SHALL BE GALVANIZED STEEL WITH PRIMER AND BLACK POWDER COATING MATERIALS PER TECHNICAL SPECIFICATIONS.
- 4) FOOTING AND POST EMBEDMENT TO BE DESIGNED BY THE DESIGNER. THE USE OF THE BASE PLATE/DROP-IN ANCHOR OPTION IS ONLY PERMITTED WHEN EMBEDDING THE POST IS NOT FEASIBLE. THE USE OF THE BASE PLATE/DROP-IN ANCHOR OPTION MAY BE APPROVED BY THE ENGINEER.



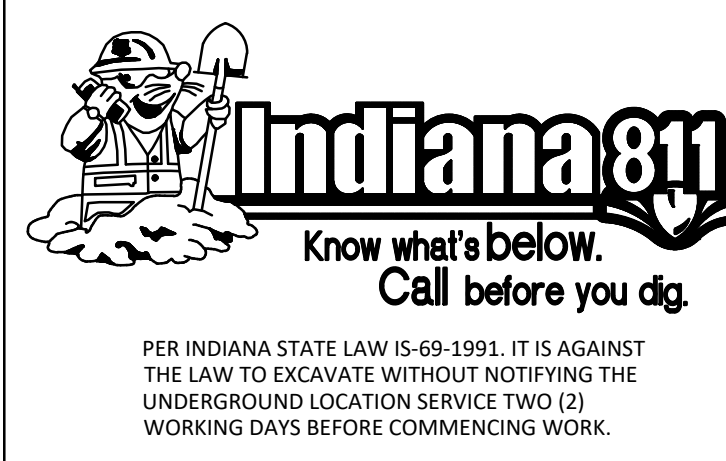
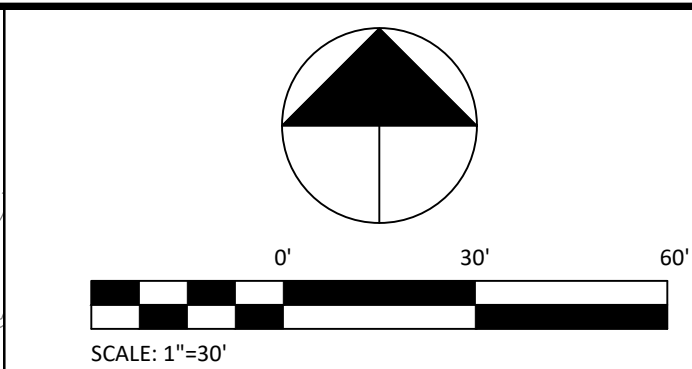
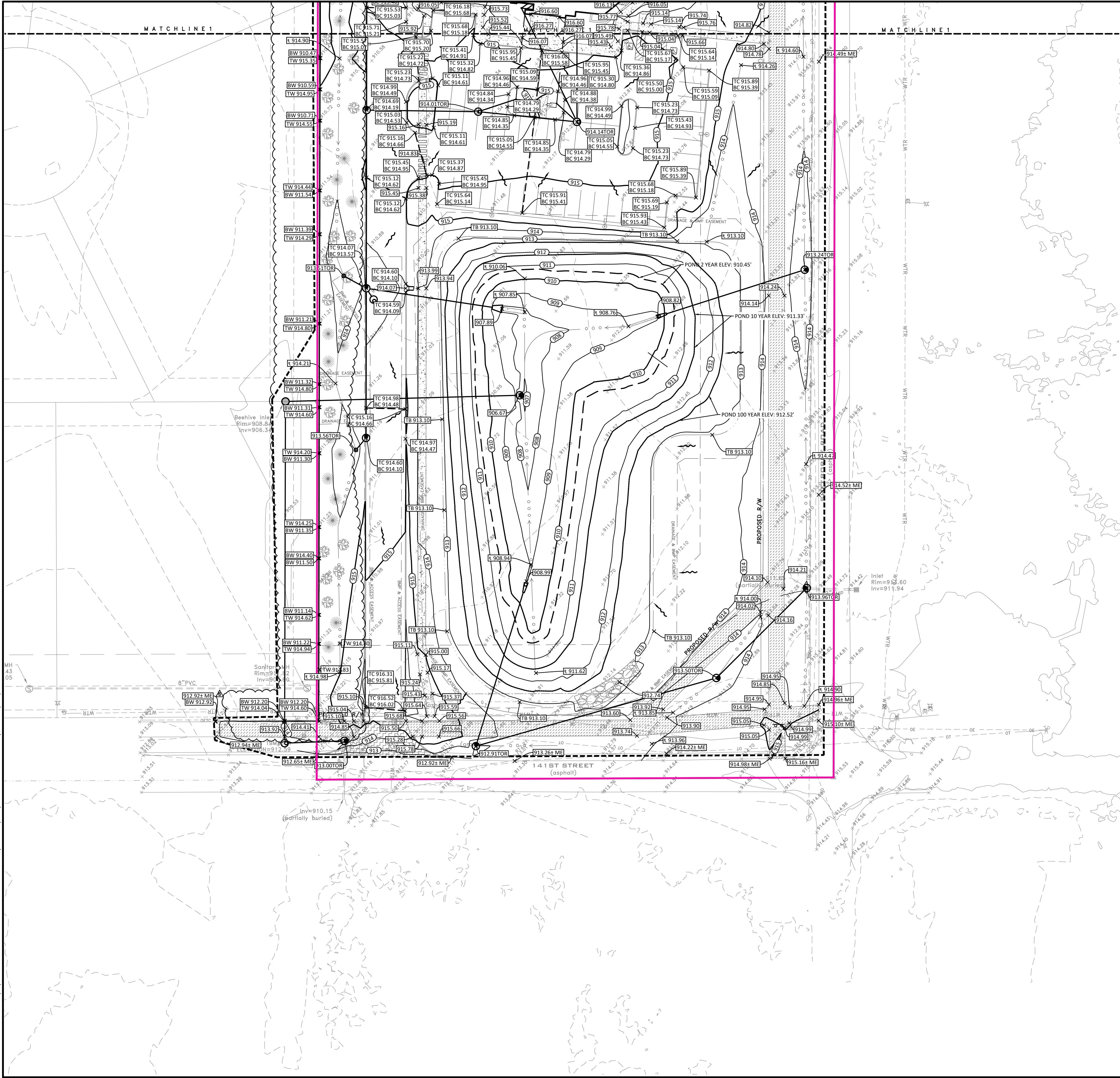
NO SCALE



NO SCALE

* DROP-IN ANCHOR SHALL HAVE A MINIMUM ALLOWABLE TENSILE CAPACITY OF 3,000 LBS.

PRINT DATE: 11/24/21
PLOT SCALE: 1:1
DRAWING FILE: 2\PROJECTS\2020\0113 - ISLAMIC LIFE CENTER\2 GRADING PLAN SOUTH.DWG
EDIT DATE: 11/24/21 2:00 AM
EDITED BY: JLSC4



PER INDIANA STATE LAW 15-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CENTRAL STATES CONSULTING, LLC. PROJECT NUMBER 20-043, DATED 06/07/2020.

GENERAL NOTES

EXISTING LEGEND

LEGEND:	
SYMBOL	DESCRIPTION:
	SIGN / TWO POST SIGN
	WATER VALVE/FIRE HYD/METER
	TELE / GAS MARKER
	GAS METER / VALVE
	CLEAN-OUT
	ELEC. METER BOX/TRANSFORMER
	ELEC. / TELEPHONE PEDESTAL
	GUARD POST/POST WITH LIGHT
	AIR CONDITIONER / GENERATOR
	MAGNAIL SET/FOUND
	REBAR SET/FOUND
	SQUARE / ROUND / CURB INLET
	TRAFFIC/COMBO / POWER POLE
	LIGHT POLE - SQUARE / ROUND
	CONIFEROUS TREE & SIZE
	DECIDUOUS TREE & SIZE
	DRAINAGE / SANITARY MANHOLE
	COMBINATION/MISC. LID MANHOLE
	BEEHIVE ROUND/SQUARE INLET
	GUY WIRE / GROUND LIGHT
	UNDG. WATER LINE
	UNDG. GAS LINE
	UNDG. TELEPHONE LINE
	UNDG. ELECTRIC LINE
	OVERHEAD ELE. & TEL
	OVERHEAD ELE. TEL. & CAB
	OVERHEAD ELECTRIC
	VCP vitrified clay pipe
	RCP reinforced concrete pipe
	PVC polyethylene coated pipe
	HDPE high-density polyethylene pipe
	DI ductile iron pipe

BENCHMARK DATA

LEE 4 RESET ELEVATION 910.53 (NAVD 88)

A DNR TABLET FOUND IN TOP OF THE CONCRETE POST 15.3 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD AND 1500 FEET SOUTH OF THE ORIGINAL CENTERLINE OF 146TH STREET.

CSC TBM #156 ELEVATION 912.83

A 5/8" CAPPED REBAR SET ±12 FEET EAST OF THE CENTERLINE OF SHELBORNE ROAD, ALSO ±760 FEET NORTH OF THE CENTERLINE OF 141ST STREET.

CSC TBM #151 ELEVATION 912.59

A MAGNAIL WITH WASHER STAMPED "TSC CPT" FOUND AT THE END OF AN ASPHALT PATH, ALSO ±335 FEET WEST OF THE CENTERLINE OF SHELBORNE ROAD, ALSO ±25 FEET NORTH OF THE CENTERLINE OF 141ST STREET.

PROJECT NO.: 2020.0113 DRAWN BY: MWJ CHECKED BY: TMJ



Bid Set: Add: 11/24/2021

VERIDUS
ENGINEERING

6280 N. Shadeland Avenue, Suite A
Indianapolis, IN 46220
Phone: (317) 598-6647 | www.theveridusgroup.com

Al Salam Foundation

ISLAMIC LIFE CENTER

14120 Shelborne Road, Carmel IN 46074

PERMIT SET 03/17/2021
TAC RESPONSE 1.0 04/15/2021
TAC RESPONSE 2.0 06/09/2021
TAC RESPONSE 3.0 07/26/2021
TAC RESPONSE 4.0 08/30/2021
TAC RESPONSE 5.0 09/21/2021
TAC RESPONSE 6.0 10/07/2021
ADDENDUM 2 11/24/2021

GRADING PLAN
SOUTH

C12



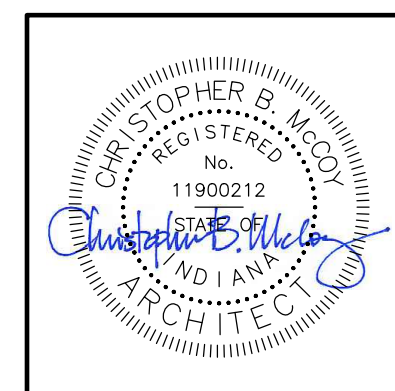
Scale: 3/16"=1'-0" (1:64) Add Alternate #1
North Canopy Shown (South Canopy similar but opposite hand)



Scale: 3/16"=1'-0" (1:64) Add Alternate #1
North Canopy Shown (South Canopy similar but opposite hand)



Scale: 3/16"=1'-0" (1:64)



McCoy
Architects
LLC

524 East High Street
Lexington KY 40502
mccoyarchitects.com
tel 859.233.1884

Al Salam Foundation
**ISLAMIC LIFE
CENTER**

14120 Shelborne Road
Carmel IN 46074

Construction Drawings

Addendum Two
11/24/2021

LOW. LEVEL CEILING
& CANOPY PLANS

A4



Islamic Life Center
1120 Shelborne Road
Carmel IN 46074

PRAYER HALL WALL SECTIONS

[illegible]

TOP OF PARAPET
119'-4"

prefinished metal coping sloped to interior with clips (typical)

extend roof membrane over parapet wall under coping (typical)

treated 2x wood blocking (typical)

double solder course with vents at 48" o.c. at top of wall (per elevations, typical)

parapet wall support per structural with 6" metal studs at 16" o.c. infill (typical)

membrane roofing vertical flashing over exterior fiberglass sheathing (typical)

membrane roofing over protection board and 2 layers of 2" rigid insulation over metal deck (typical)

treated wood blocking and steel closure angle per structural (typical)

pack all voids with insulation (typical)

steel beam per structural

steel joists per structural (typical)

brick veneer with ties, weeps, and vents (see elevations typical)

continuous air space (typical)

air infiltration barrier over 1" exterior rigid insulation sheathing (typical)

6" metal studs at 16" o.c. with R-19 batt insulation (typical)

5/8" type X fire code gypsum board (typical)

suspended acoustic ceiling system per reflected ceiling plan and finish schedule (typical)

(cutline removes 72")

base and floor finish per finish schedule (typ.)

4" reinf. concrete slab on metal decking and bar joists per structural (typical)

continuous cavity guard (typical)

UPPER LEVEL

thru-wall flashing with weeps at 32" o.c. above grade (typical)

grade varies (see civil drawings, typical)

grout all voids solid below grade (typical)

reinf. concrete foundation wall per structural details (typical)

2" rigid insulation protection board over waterproofing (typical)

3-5/8" metal studs at 16" o.c. over concrete walls (typical lower level finished areas)

suspended acoustic ceiling system per reflected ceiling plan and finish schedule (typical)

(cutline removes 72")

base and floor finish per finish schedule (typ.)

4" reinf. concrete slab on vapor barrier and crushed stone (typical)

RX waterstop at interior slabs (typical)

PVC dumbbell waterstop (typical ext. wall)

LOWER LEVEL
87'-4"

4" dia. perforated foundation drain with filter sock in crushed stone backfill (typical)

reinf. conc. footing per structural (typical)

4" dia. perforated foundation drain (typical at exterior perimeter)

Dimensions (Left):

- 10'-0" ceiling height coord. w/other drawings
- 3'-6"
- 9'-0" ceiling height coord. w/other drawings
- 4"
- 12"

15'-4" ceiling height
coord. w/other drawings

PRAYER HALL

8'-0"

3'-4"

2'-4" nom. overhang

10'-0" ceiling height
coord. w/other drawings

LARGE CLASSROOM

12'-0"

4"

2'-4"

100'-0"

67'-4"

membrane roofing with applied ribs over protection board, 2 layers of 2" rigid insulation, metal deck and curved steel joists (typical)

cont. prefinished aluminum drip edge (typical)

prefinished breakmetal over treated wood trims (typical)

prefinished metal soffit (typical)

3" exterior insulating finish system with V-grooves where shown on elevations over drainage mat (typical)

flashing and counterflashing at EIFS transition to membrane flashing (typical)

membrane roofing over protection board and 2 layers of 2" rigid insulation over metal deck (typical)

prefinished metal coping sloped to interior with clips (typical)

extend roof membrane over parapet wall under coping (typical)

TOP OF PARAPET
120'-8"

treated 2x wood blocking (typical)

double soldier course with vents at 48" o.c. at top of wall (per elevations, typical)

membrane roofing vertical flashing over exterior fiberglass sheathing (typical)

treated wood blocking and steel closure angle per structural (typical)

pack all voids with insulation (typical)

steel beam per structural

pointed steel lintel per structural with thru-wall flashing and weeps at 32" o.c.

cell vents at 48" o.c. (typical)

suspended acoustic ceiling system per reflected ceiling plan and finish schedule (typical)

(outline removes 72")

brick veneer with ties, weeps, and vents (see elevations typical)

continuous air space (typical)

air infiltration barrier over 1" exterior rigid insulation sheathing (typical)

6" metal studs at 16 o.c. with R-19 batts insulation (typical)

5/8" type X fire code gypsum board (typical)

chair storage cabinet see detail KJA15

base and floor finish per finish schedule (typ.)

4" reinf. concrete slab on metal decking and bar joists per structural (typical)

UPPER LEVEL
100'-0"

3-5/8" metal studs at 16" o.c. over concrete walls (typical lower level finished areas)

suspended acoustic ceiling system per reflected ceiling plan and finish schedule (typical)

See structural drawings for window well and retaining wall (not shown on wall section)

reinf. concrete foundation wall per structural details (typical)

2" rigid insulation protection board over waterproofing (typical)

base and floor finish per finish schedule (typ.)

4" reinf. concrete slab on vapor barrier and crushed stone (typical)

RX waterstops (typical)

PVC dumbbell waterstop (typical ext. wall)

LOWER LEVEL
67'-4"

4" dia. perforated foundation drain with filter sock in crushed stone backfill (typical)

reinf. conc. footing per structural (typical)

4" dia. perforated foundation drain (typical at interior perimeter)

[illegible]

Technical drawing of a wall cross-section showing various layers and reinforcement details. The drawing includes the following components and labels:

- Dimensions:**
 - Overall height: 7'-4"
 - Top section height: 6"
 - Bottom section height: 1'-2"
 - Bottom section width: 2'-0"
- Reinforcement and Structural Details:**
 - 3x8" brick soldier course at top of wall (solid units where exposed, typical)
 - continuous thru-wall flashing with weeps at 32" o.c. (typical)
 - 8" CMU bond beam w/1 #5 bar cent. reinf.
 - 8" concrete block with #5 bars vertical reinf. at 48" o.c. fill all cells with reinf with concrete grout solid and horiz. reinf. at 16" o.c. (bars in center, typical)
 - 4" brick veneer with ties, weeps, and vents (typical)
 - paint interior CMU walls to match brick (typical)
 - 8" concrete slab (light broom finish) with 6x6 W2.9/W2.9 reinforcing sloped to drain at gate over 6" crushed stone w/expansion joint at all 3 sides with walls (typical)
 - continuous thru-wall flashing with weeps at 32" o.c. above grade (typical)
 - grade varies per Civil Dwg to slope away from dumpster enclosure (typical)
 - 12" reinforced concrete block grout all voids solid below grade (typical)
 - #5 bent bars at 32" o.c. fill all cells with bare with concrete grout (typical)
 - concrete footing with #5 bars at 16" o.c. and 3 #4 bars continuous reinforcing (3' min. clearance typical)
- Other Labels:**
 - EJ
 - 4"
 - 8"

D DUMPSTER ENCLOSURE SECTION
Scale: 3/4"=1'-0" (1:16)